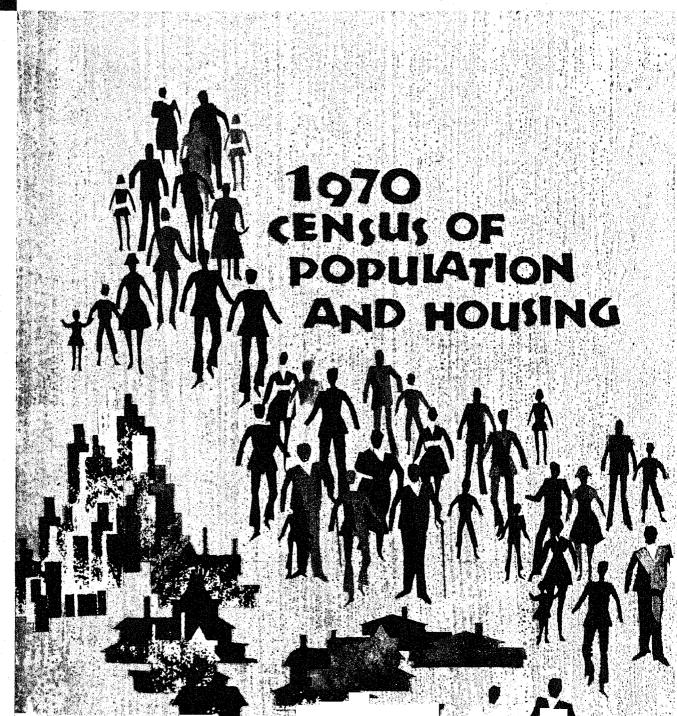
A UNITED STATES
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PHC(1)-69

## Census Tracts

FITCHBURG-LEOMINSTER, MASS. STANDARD METROPOLITAN STATISTICAL AREA



U.S. DEPARTMENT
OF COMMERCE
Social and Economic
tatistics Administration

BUREAU OF THE CENSUS

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David L. Kaplan, 1970 Census Coordinator

### POPULATION DIVISION

Herman P. Miller, Chief

### HOUSING DIVISION

Arthur F. Young, Chief

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The population section of this report planned and written under the supervision of Herman P. Miller, Chief, Population Division, and Paul C. Glick, Henry D. Sheldon, and Murray S. Weitzman, Assistant Division Chiefs, with the assistance of Elizabeth A. Larmon and Ruth H. Mills. The following Branch Chiefs were responsible for the material on the indicated fields of specialization: Ethnic Statistics-Tobia Bressler; Demographic Statistics-Charles P. Grabill; Economic Statistics—Charles P. Brinkman; Fertility Statistics—Wilson H. Grabill; Economic Statistics—Stanley Greene; Marriage and Family Statistics—Robert O. Grymes; Educational and Social Stratification-Charles E. Johnson, Jr.; Consumer Income Statistics-Mitsuo Ono; Poverty Statistics-Arno I. Winard. Important contributions to the processing and review of the data were made by Aaron O. Handler, Kristin A. Hansen, and Rockwell

The housing section of this report was planned and written under the supervision of Arthur F. Young, Chief, Housing Division, by Aaron Josowitz, Assistant Division Chief, Nathan Krevor, Chief, Coordination and Research Branch, and Paul F. Coe. Important contributions to the processing and review of the data were made by Peter J. Fronczek.

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Data collection activities were administered by the Field Division, Jefferson D. McPike, then Chief, and Richard C. Burt and Dean H. Weber, Assistant Division Chiefs, with the assistance of the directors of the Bureau's data collection centers.

Systems and processing procedures were developed under the direction of Morris Gorinson, Assistant Division Chief, Census Planning Division. Florence Wright, assisted by John F. Powell, Orville M. Slye, and Erne Wilkins, was responsible for the clerical procedures, and Roger O. Lepage, assisted by John Murphy, Jr., Margaret P. Brooks, and Howard R. Dennis, was responsible for the computer programming. Donald R. Dalzell was responsible for the computer procedures and programs used for the electronic preparation of the tables in this report.

The manual processing and microfilming of the questionnaires and the review of tabulation controls were performed in the Jeffersonville Census Operations Division, under the direction of Joseph F. Arbena, then Chief, and Robert L. Hagan, then Population and Housing Census Operations Manager, with the assistance of Rex L. Pullin. The manual coding operations were supervised by John C. Campbell, assisted by Herbert J. Hough, Joe D. Kolb, and Leo C. Schilling. William L. Pangburn, supervised the microfilming operation. Dan N. Harding, assisted by Nora H. Shouse, was responsible for the tabulation review work.

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### 1970 (ENSUS OF POPULATION AND HOUSING

# Census Tracts

FITCHBURG-LEOMINSTER, MASS.

STANDARD METROPOLITAN STATISTICAL AREA (AND ADJACENT AREA)

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### LIST OF PHC(1) CENSUS TRACT REPORTS

The reports listed below are for Standard Metropolitan Statistical Areas, An asterisk (\*) indicates that the report includes data for tracts in selected areas adjacent to the SMSA.

Report	_	Report		Report	
number	Area	number	Area	number	Area
1	Abilene, Tex.	41	Charlotte, N.C.*	81	Great Falls, Mont.
2	Akron, Ohio	42	Chattanooga, TennGa.	82	Green Bay, Wis.
3	Albany, Ga.	43	Chicago, III.	83	Greensboro-Winston-Salem-High Point, N.C.
4	Albany-Schenectady-Troy, N.Y.	44	Cincinnati, Ohio-KyInd.	84	Greenville, S.C.
5	Albuquerque, N. Mex.	45	Cleveland, Ohio	85	Hamilton-Middletown, Ohio
6	Allentown-Bethlehem-Easton, PaN.J.	46	Colorado Springs, Colo.	86	Harrisburg, Pa.
7	Altoona, Pa.	47	Columbia, Mo.	87	Hartford, Conn.*
8	Amarillo, Tex.	48	Columbia, S.C.	88	Honolulu, Hawaii*
9	Anaheim-Santa Ana-Garden Grove, Calif.	49	Columbus, GaAla.	89	Houston, Tex.*
10	Anderson, Ind.	50	Columbus, Ohio	90	Huntington-Ashland, W. VaKy Ohio*
11	Ann Arbor, Mich.	51	Corpus Christi, Tex.	91	Huntsville, Ala.
12	Appleton-Oshkosh, Wis.	52	Dallas, Tex.	92	Indianapolis, Ind.
13	Asheville, N.C.	53	Davenport-Rock Island-Moline, Iowa-III.	93	Jackson, Mich.
14	Atlanta, Ga.*	54	Dayton, Ohio	94	Jackson, Miss.
15	Atlantic City, N.J.	55	Decatur, III.	95	Jacksonville, Fla.
16	Augusta, GaS.C.	56	Denver, Colo.	96	Jersey City, N.J.
17	Austin, Tex.	57	Des Moines, Iowa	97	Johnstown, Pa.
18	Bakersfield, Calif.	58	Detroit, Mich.*	98	Kalamazoo, Mich.
19	Baltimore, Md.	59	Dubuque, Iowa	99	Kansas City, MoKans.*
20	Baton Rouge, La.*	60	Duluth-Superior, MinnWis.	100	Kenosha, Wis.
21	Bay City, Mich.	61	Durham, N.C.	101	Knoxville, Tenn.*
22	Beaumont-Port Arthur-Orange, Tex.	62	El Paso, Tex.	102	Lafayette, La.
23	Billings, Mont.	63	Erie, Pa.	103	Lafayette-West Lafayette, ind.
24	Biloxi-Gulfport, Miss.	64	Eugene, Oreg.	104	Lake Charles, La.
25	Binghamton, N.YPa.	65	Evansville, IndKy.	105	Lancaster, Pa.
26	Birmingham, Ala.	66	Fall River, MassR.I.	106	Lansing, Mich.
27	Bloomington-Normal, III.	67	Fargo-Moorhead, N. DakMinn.	107	Laredo, Tex.
28	Boise City, Idaho	68	Fayetteville, N.C.	108	Las Vegas, Nev.
29	Boston, Mass.*	69	Fitchburg-Leominster, Mass.*	109	Lawrence-Haverhill, MassN.H.
30	Bridgeport, Conn.	70	Flint, Mich.	110	Lawton, Okla.
31 ·	Bristol, Conn.*	71	Fort Lauderdale-Hollywood, Fla.	111	Lewiston-Auburn, Maine
32	Brockton, Mass.	72	Fort Smith, ArkOkla.	112	Lexington, Ky.
33	Brownsville-Harlingen-San Benito, Tex.	73	Fort Wayne, Ind.	113	Lima, Ohio
34	Bryan-College Station, Tex.	74	Fort Worth, Tex.*	114	Lincoln, Nebr.
35	Buffalo, N.Y.	75	Fresno, Calif.	115	Little Rock-North Little Rock, Ark.
- 36	Canton, Ohio	76	Gadsden, Ala.	116	Lorain-Elyria, Ohio*
37	Cedar Rapids, Iowa	77	Gainesville, Fla.	117	Los Angeles-Long Beach, Calif.
38	Champaign-Urbana, III.	78	Galveston-Texas City, Tex.	118	Louisville, KyInd.
39	Charleston, S.C.*	79	Gary-Hammond-East Chicago, Ind.	119	Lowell, Mass.
40	Charleston, W. Va.	1 80	Grand Rapids, Mich.*	120	Lubbock, Tex.

Dumber   Area   Number   Area	Report		Report		Report	
121		Area		Area		Area
122   Macison, Ga.*   162   Pittsburgh, Pa.   163   Pittsfield, Mass.   164   Portdand, Mains.*   165   Portdand, Mains.*   165   Portdand, Mains.*   166   Portdand, Mains.*   167   Provo-Orem, Utah   168   Provo-Orem, Utah   168   Provo-Orem, Utah   169   Racine, Wis.   169   Racine, Wis.   169   Racine, Wis.   160   Ra						
122   Macon, Ga.*   162   Pittsburgh, Pa.   202   Springfield, III.   203   Springfield, III.   203   Springfield, III.   204   Manchester, N.H.   165   Portland, Mains.*   204   Springfield, Mo.   204   Springfield, Mo.   205   Springfield, Mo.   206   Springfield, Mo.   206   Springfield, Mo.   206   Springfield, Mo.   207   Springfield, Mo.   207   Springfield, Mo.   208   Springfield, Mo.   209   Strate, Mo.   208   Strate, Mo.   2	121	Lynchburg, Va.*	161	Pine Bluff, Ark.	201	Spokane, Wash.
123   Marchester, N.H.   163   Prittsfield, Mass.   124   Manchester, N.H.   164   Portland, Maine*   125   Marsfield, Ohio   126   McAllen-Pharr-Edinburg, Tex.   166   Providence-Pawtucket-Warwick, R.IMass.*   127   Memphit, Tenn.Ark.   167   Provo-Orem, Utah   188   Pueblo, Colo.   189   Marni, Fla.   169   Racine, Wis.   170   Raleigh, N.C.   171   Reading, Pa.   172   Reno, Nev.   172   Reno, Nev.   173   Milmosepolis-St. Paul, Minn.   172   Reno, Nev.   173   Mobile, Ala.   173   Richmond, Va.   174   Roanoke, Va.   175   Rochester, Minn.   176   Rochester, Minn.   177   Rockford, III.   178   Saginaw, Mich.   179   Saginaw, Mich.   180   Saler, Ore.   180   Saler, Ore.   180   Saler, Ore.   181   Saler, Ore.   182   Saler, Ore.   182   Saler, Ore.   183   Saler, Ore.   184   New Orlean, La.   185   San Angelo, Tex.   185   San Bernardion-Riverside-Ontario, Calif.   180   San Jose, Calif.   180   Sa	122		1		202	
124   Manchester, N.H.   164   Portland, Maine*   204   Springfield, Ohio   205   Standford, Conn.   207   Steubenville Weirton, Ohio W. V.s.   208   Stockton, Calif.   208   Springfield, Ohio   207   Steubenville Weirton, Ohio W. V.s.   208   Stockton, Calif.   209   Syrecuse, N.Y.   208   Stockton, Calif.   209   Syrecuse, N.Y.   210   Tacoma, Wash.   211   Tallahasse, Fla.   211   Tallahasse, Fla.   212   Tampa St. Petersburg, Fla.   213   Morio, Calif.   214   Tampa St. Petersburg, Fla.   213   Terre Haute, Ind.   214   Tampa St. Petersburg, Fla.   213   Terre Haute, Ind.   214   Tampa St. Petersburg, Fla.   214   Tampa St. Petersburg, Fla.   214   Tampa St. Petersburg, Fla.   215   Tallahasse, Fla.   216   Tampa St. Petersburg, Fla.   217   Tampa St. Petersburg, Fla.   218   Tampa St. Petersburg, Fla.   219   Tampa St. Petersburg, Fla.   219   Tampa St. Petersburg,	123			<del>-</del> '		
125   Mansfield, Ohio	124					• = -
126 McAllen-Pharr-Edinburg, Tex.   166 Providence-Pawtucket-Warwick, R.IMass.*   167 Provo-Orem, Utah   168 Publio, Colo.   169 Racine, Wis.   170 Raleigh, N.C.   171 Reading, Pa.   171 Reading, Pa.   171 Reading, Pa.   172 Reno, Nev.   173 Richmond, Va.   174 Roanoke, Va.   175 Richmond, Va.   176 Rochester, Minn.   176 Rochester, Minn.   177 Roanoke, Va.   178 Rochester, Minn.   179 Rochester, Minn.   179 Rochester, Minn.   170 Rochester,	125		_			*
12   Memphis, Tenn. Ark.   167   Prove-Orem, Ush   168   Meriden, Conn.   168   Prove-Orem, Ush   168   Prove-Orem, Ush   168   Syracuse, N.Y.   170   Rateigh, N.C.   170   Rateigh, N.C.   171   Reading, Pa.   171   Reading, Pa.   172   Reno, Nev.   173   Richmond, Va.   173   Richmond, Va.   174   Reanoke, Va.   175   Rochester, Minn.   176   Rochester, Minn.   177   Rockford, III.   178   Rochester, N.Y.   179   Rochester, N.Y.   179   Rochester, N.Y.   179   Rochester, N.Y.   179   Rockford, III.   179   Rockford, III	1		'**	, or daile, or og.		
128 Meriden, Conn.	126	McAllen-Pharr-Edinburg, Tex.	166	Providence-Pawtucket-Warwick, R.IMass.*		
129 Miami, Fla.	127	Memphis, TennArk.	167	Provo-Orem, Utah		
130   Midland, Tex.   170   Raleigh, N.C.   210   Tacoma, Wash.   131   Milwaukee, Wis.*   171   Reading, Pa.   211   Tallahassee, Fla.   132   Minneapolis St. Paul, Minn.   172   Reno, Nev.   212   Tampa St. Petersburg, Fla.   133   Mobile, Ala.   173   Richmond, Va.   213   Terre Haute, Ind.   214   Terre Haute, Ind.   215   Toledo, Ohio-Mich.   215   Toledo, Ohio-Mich.   216   Toledo, Ohio-Mich.   217   Terre Haute, Ind.   218   Toledo, Ohio-Mich.   218   Toledo, Ohio-Mich.   219   Toledo, Ohio-Mich.   210   Toledo, Ohio-Mich.   210   Toledo, Ohio-Mich.   210   Toledo, Ohio-Mich.   211   Terre Haute, Ind.   212   Toledo, Ohio-Mich.   213   Toledo, Ohio-Mich.   213   Toledo, Ohio-Mich.   214   Toledo, Ohio-Mich.   215   Toledo, Ohio-Mich.   216   Toledo, Ohio-Mich.   217   Toledo, Ohio-Mich.   218   Toledo, Ohio-Mich.   218   Toledo, Ohio-Mich.   218   Toledo, Ohio-Mich.   219   Toledo, Ohio-Mich.   219   Toledo, Ohio-Mich.   210   Toledo, Ohio-Mich.   210   Toledo, Ohio-Mich.   210   Toledo, Ohio-Mich.   221   Toledo, Ohio-Mich.   222   Toledo, Ohio-Mich.   223   Toledo, Ohio-Mich.   223   Toledo, Ohio-Mich.   224   Toledo, Ohio-Mic	128	Meriden, Conn.	168	Pueblo, Colo.		
131   Milwaukee, Wis.*   171   Reading, Pa.   172   Reno, Nev.   173   Richmond, Va.   174   Reno, Nev.   175   Reno, Nev.   175   Reno, Nev.   176   Rochester, Minn.   177   Richmond, Va.   178   Rochester, Minn.   178   Rochester, Minn.   178   Rochester, Minn.   179   Rochester, Minn.   179   Rochester, Minn.   170   Rockerter, Minn.   178   Rockford, III.   178   Rockford, III.   178   Rockford, III.   179   Rock	129		169	Racine, Wis.	•	
132 Minneapolis St. Paul, Minn.   172 Reno, Nev.   213 Tarre Haute, Ind.   134 Modesto, Calif.   174 Roanoke, Va.   175 Rochester, Minn.   176 Rochester, Minn.   177 Rockford, III.   187 Roanoke, Va.   187 Rochester, Minn.   187 Rochester, Minn.   188 Saramento, Calif.   188 Saramento, Calif.   189 Saramento, Calif.   180 Saramento, Cali	130	Midland, Tex.	170	Raleigh, N.C.	210	Tacoma, Wash.
132   Minneapolis-St. Paul, Minn.   172   Reno, Nev.   173   Richmond, Va.   213   Terre Haute, Ind.   174   Roanoke, Va.   175   Rochester, Minn.   216   Terre Haute, Ind.   176   Rochester, Minn.   217   Terre Haute, Ind.   176   Rochester, Minn.   218   Terre Haute, Ind.   176   Rochester, Minn.   218   Terre Haute, Ind.   177   Rochester, Minn.   218   Terre Haute, Ind.   178   Rochester, Minn.   218   Terre Haute, Ind.   178   Rochester, Minn.   218   Terre Haute, Ind.   178   Rochester, N.Y.   218   Tucson, Ariz.   * 217   Trenton, N.J.   218   Tucson, Ariz.   * 218   Tucson, Ariz.   * 219   Tucson, Ariz.   * 210   Tucsonos, Ariz.   * 211   Tucsonos, Ariz.   * 212   Tucsonos, Ariz.   * 212   Tucsonos, Ariz.   * 217   Tucsonos, Ariz.   * 217   Tucsonos, Ariz.   * 217   Tucsonos, Ariz.   * 218   Tucsonos, Ariz.   * 218   Tucsonos, Ariz.   * 219   Tucsonos, Ariz.   * 210   Tucsonos, Ariz.   * 210   Tucsonos, Ariz.   * 210   Tucsonos, Ariz.   * 210   T	131	Milwankee Wis *	171	Reading Pa	211	Tallahassee, Fla.
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137   Muncie, Ind.   176   Rochester, N.Y.   217   Trenton, N.J.   138   Muskegon-Muskegon Heights, Mich.   178   Sacramento, Calif. *   219   Tussa, Okla.   220   Tussaloosa, Ala.   221   Tusson, Arīz.   ★   219   Tussa, Okla.   220   Tussaloosa, Ala.   220   Tussaloosa, Ala.   221   Tussaloosa, Ala.   222   Tussaloosa, Ala.   223   Tussaloosa, Ala.   224   Tussaloosa, Ala.   225   Tussaloosa, Ala.   226   Tussaloosa, Ala.   227   Tussaloosa, Ala.   228   Tussaloosa, Ala.   229   Tussaloosa, Ala.   229   Tussaloosa, Ala.   229   Tussaloosa, Ala.   220   Tussaloosa, Ala.   220   Tussaloosa, Ala.   220   Tussaloosa, Ala.   221   Tyler, Tex.   222   Utica-Rome, N.Y.   223   Vallejo-Napa, Calif.   224   Vineland-Millville-Bridgeton, N.J.   225   Vallejo-Napa, Calif.   224   Vineland-Millville-Bridgeton, N.J.   225   Vasco, Tex.   226   Vasco, Tex.   227   Vasco, Tex.   228   Vasco, Tex.   228   Vasco, Tex.   228   Vasco, Tex.   228   Vasco, Tex.   229   Vasco, Tex.   220   Vasco, Tex.   221   Vireland-Millville-Bridgeton, N.J.   222   Vasco, Tex.   223   Vasco, Tex.   224   Vasco, Tex.   225   Vasco, Tex.   226   Vasco, Tex.   227   Vasco, Tex.   228   Vasco, Tex.   229   Vasco, Tex.   2	100	momot, Lb.	'''	Hochester, minn.		- 1 W
137 Muncie, Ind. 138 Muskegon-Huishts, Mich. 139 Nashville-Davidson, Tenn. 140 New Bedford, Mass. 141 New Britain, Conn. 142 New Haven, Conn.* 143 New Undon-Groton-Norwich, Conn.* 144 New Orleans, La. 145 New York, N.Y. 146 Newark, N.J.* 147 Newport News-Hampton, Va.* 148 Norfolk-Portsmouth, Va.* 149 Norwalk, Conn.* 150 Odessa, Tex. 151 Ogden, Utah 152 Oklahoma City, Okla. 153 Owando, Sidif. 154 Orlando, Fla. 155 Oxnard-Ventura, Calif. 156 Paterson-Clifton-Passaic, N.J. 156 Paterson-Clifton-Passaic, N.J. 157 Rockford, III. 177 Rockford, III. 178 Sacramento, Calif. 179 Saginaw, Mich. 180 St. Joseph, Moo. 181 St. Louis, MoIII.* 182 Salem, Oreg. 183 Salem, Oreg. 221 Tyler, Tex. 222 Utica-Rome, N.Y. 223 Vallejo-Napa, Calif. 224 Vineland-Millville-Bridgeton, N.J. 225 Waco, Tex. 226 Washington, D.CMidVa. 227 Waterbury, Conn.* 228 Waterloo, Iowa 229 Waterloo, Iowa 220 Toxcaloosa, Ala. 220 Utica-Rome, N.Y. 221 Tyler, Tex. 222 Utica-Rome, N.Y. 223 Vallejo-Napa, Calif. 224 Vineland-Millville-Bridgeton, N.J. 225 Waco, Tex. 226 Washington, D.CMidVa. 227 Waterbury, Conn.* 228 Waterloo, Iowa 229 Vatlejo-Napa, Calif. 220 Vineland-Millville-Bridgeton, N.J. 226 Washington, D.CMidVa. 227 Waterbury, Conn.* 228 Waterloo, Iowa 229 Waterbury, Conn.* 229 Waterbury, Conn.* 220 Vallejo-Napa, Calif. 220 Waterbury, Conn.* 221 Vineland-Millville-Bridgeton, N.J. 226 Washington, D.CMidVa. 227 Waterbury, Conn.* 228 Waterloo, Iowa 229 Waterbury, Conn.* 229 Waterbury, Conn.* 220 Vineland-Millville-Bridgeton, N.J. 220 Waterbury, Conn.* 221 Vineland-Millville-Bridgeton, N.J. 226 Waterbury, Conn.* 227 Waterbury, Conn.* 228 Waterbury, Conn.* 229 Waterbury, Conn.* 229 Waterbury, Conn.* 220 Vineland-Millville-Bridgeton, N.J. 220 Wat	136	Montgomery, Ala.	176	Rochester, N.Y.		• •
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#### **GENERAL**

This report presents statistics by census tract on the characteristics of the population and housing units as reported in the 1970 Census of Population and Housing. Legal provision for this census, which was conducted as of April 1, 1970, was made in the Act of Congress of August 31, 1954 (amended August 1957), which codified Title 13, United States Code. This report series contains 241 reports as listed on page 11. Each report relates to a particular standard metropolitan statistical area (SMSA), and in some cases also covers certain areas adjacent to the SMSA. As stated on page App-2, there are 247 currently recognized SMSA's, including four in Puerto Rico. There are no reports in this series for six of these SMSA's because they were newly designated on the basis of the 1970 census results and census tracts had not been established for them previously.

This series of reports is one of the several series which present the information compiled from the census. For a description of the full data dissemination program see Appendix D, "Publication and Computer Summary Tape Program."

The content and procedures of the 1970 census were determined after

evaluation of the results of the 1960 census, consultation with a wide variety of users of census data, and extensive field pretesting. A number of changes were introduced in 1970 to improve the usefulness of the census results. For the characteristics shown in this report, the changes do not, however, affect to any appreciable extent the comparability of the 1970 data with those for 1960.

More detailed information on the technical and procedural matters covered in the text of this report can be obtained by writing to the Director, Bureau of the Census, Washington, D. C. 20233. Such information will also appear in later reports of the 1970 census.

Organization of the text.—The text consists of this introduction and four appendixes, which appear after the tables. Appendix A describes area classifications, defines census tracts, and traces some of the history of the development of census tract statistics. Appendix B provides definitions and explanations of the population and housing subjects appearing in the report. Appendix C presents information on sources of error in the data, sampling variability, ratio estimation, and editing procedures. Appendix D summarizes the data dissemination program of the 1970 census.

Content of the tables.—There are two numbered series of tables. Tables P-1 to P-8 present population statistics and tables H-1 to H-5 present housing statistics. Tables P-5 to P-8 and H-3 to H-5 relate to Negroes and to persons of Spanish language or surname or persons of Puerto Rican birth or parentage; they include only those tracts that have a population of 400 or more for the particular group.

The tables include data for the component counties and places of 25,000 or more in the SMSA, as well All tables are as for the tracts. arranged in identical fashion. Summations are presented first for the SMSA, followed by the component counties in alphabetical order (within State, if the SMSA crosses State lines). Shown under each county is the summation for each component place of 25,000 inhabitants or more and the balance of the county. Following these summations are the data for individual tracts (arranged in the abovementioned geographic order) within the SMSA; and, in certain cases, for individual tracts in territory contiguous to the SMSA. When a tract crosses the boundary of a place of 25,000 inhabitants or more, statistics for the portion of the tract which lies inside the place are shown with the figure for the place; statistics for the remainder of the tract are shown as part of another place and/or under the county balance, as appropriate. The totals for each of these "split" tracts appear at the end of the table.

Sample size.-Tables P-1, H-1, and H-3 contain 100-percent data; the remaining tables contain data based on a sample of the population, with sampling rates of 20 percent or 15 percent. Figures for the total population or for some subgroups of the population (e.g., the population 5 years old and over) may differ from table to table or within the same table when the figures are tabulated from different samples. The sample size for each subject is stated in table C, Appendix C, "Accuracy of the Data." Appendix C also provides information on the sampling variability associated with the data.

Derived figures (percents, medians, etc.).-Percents, medians, and means, as well as certain rates and ratios are shown in these reports. For all types of derived figures in this report, the figure is not presented (but indicated by three dots "...") if the base is smaller than the minimum number prescribed for the sample on which the figure is based. The minimum bases are 5 (persons, families, households, or housing units) for figures derived from 100-percent tabulations, 25 for figures based on the 20-percent sample, and 33 for those based on the 15-percent sample. When a crosstabulation of two or more characteristics covers subjects based on different samples, the minimum base for the smaller sample applies. Although figures are shown for all areas, except when the base is less than the specified minimum, the reader should exercise caution in the use and interpretation of data for very small areas or subgroups of the population; these data are especially subject to the effects of sampling variability, misreporting, and processing errors.

Percents which round to less than 0.1 are not shown but indicated as zero (i.e., "-"). The median, which is a type of average, is the middle value in a distribution, i.e., the median divides the distribution into two equal parts-one-half of the cases fall below the median and one-half of the cases exceed the median. When the median falls in the lower terminal category of an open-end distribution, the method of presentation is to show the initial value of the next category followed by a minus sign; thus, for example, if the median falls in the category "Less than \$5,000," it is shown as "\$5,000<del>—</del>." When the median falls in the upper terminal category of an open-end distribution, the method of

presentation is to show the initial value of the terminal category followed by a plus sign; thus, for example, if the median falls in the category "75 years and over," it is shown as "75+." The mean is the arithmetic average derived by adding the values in a particular distribution and dividing by the number of units in the distribution.

Symbols.—A dash "—" signifies zero. Three dots "..." mean not applicable, or that the base for the derived figure is too small for it to be shown, or that the data are being withheld to avoid disclosure of information for individuals. The symbol "U" means that the place is "unincorporated."

Boundaries.—Information on changes in the boundaries of tracts between 1960 and 1970 for this area appears after the Introduction. Information on boundary changes between 1960 and 1970 for certain types of areas other than tracts is given in the 1970 Population Census PC(1)-A report for each State.

### **DATA COLLECTION PROCEDURES**

The 1970 census was conducted primarily through self-enumeration. In 1960, self-enumeration was first introduced on a nationwide scale as a substitute for the traditional census direct interview.

A census questionnaire was delivered by postal carriers to every household several days before Census Day, April 1, 1970. This questionnaire contained certain explanatory information and was accompanied by an instruction sheet; in areas with comparatively large proportions of Spanish-speaking persons, a Spanish version of the instruction sheet was also enclosed.

In the larger metropolitan areas and some adjacent counties, altogether containing about three-fifths of the population of the United States, the householder was requested to fill out and mail back the form on Census Day. Approximately 87 percent of the householders did so. The mailedback forms were reviewed by the census enumerator (or, in some localities, a census clerk) and if the form was determined to be incomplete or inconsistent, a followup was made. The bulk of these followups were made by telephone, the rest by personal visit. For the households which did not mail back their forms, a followup was also made, in almost all cases by personal visit and in the remainder by telephone.

For the remaining two-fifths of the population, the householder was requested to fill out the form and give it to the enumerator when he called; approximately 80 percent did so. Incomplete and unfilled forms were completed by interview during the enumerator's visit.

Three types of questionnaires were used throughout the country; 80 percent of the households answered a form containing a limited number of population and housing questions and the remainder, split into 15-percent and 5-percent samples, answered forms which contained these questions as well as a number of additional questions. Some of the additional questions were the same on the 15-percent and 5-percent versions; others were different. A random procedure was used to determine which of the three forms any particular household answered.

In the metropolitan and adjacent areas, the designated type of questionnaire was sent to each household. In the remaining areas, the questionnaire

### INTRODUCTION—Continued

with a limited number of questions was distributed to all households, and the enumerators obtained the additional information by interview in those households designated for the 15-percent and 5-percent samples.

### PROCESSING PROCEDURES

The 1970 census questionnaires were specially designed to be processed by FOSDIC (Film Optical Sensing Device for Input to Computer). For most items on the questionnaire, the information supplied by the respondent or obtained by the enumerator was indicated by marking the answers in

predesignated positions that would be "read" by FOSDIC from a microfilm copy of the questionnaire onto computer magnetic tape with no intervening manual processing. A number of the items, however, required reviewing written entries to determine the proper code. Consequently, the processing involved a manual coding and editing operation in which clerks determined the appropriate codes and marked the specified positions on the questionnaire; for example, the clerks applied a 2-digit numerical code for the country-of-birth entry. marks, as well as those made by the respondent and enumerator, were read by FOSDIC onto magnetic tape.

The tape containing the information from the questionnaires was processed on the Census Bureau's computers through a number of editing and tabulation steps (see Appendix C, "Accuracy of the Data"). One of the end results of this operation was a computer tape from which the tables in this report were prepared on a cathode-ray-tube phototypesetting machine at the Government Printing Office. Another end result was the summary tapes which are available for purchase, as described in Appendix D, "Publication and Computer Summary Tape Program."

Census tract comparability tables are not provided in this report because the area was tracted for the first time for 1970,

Table P-1. General Characteristics of the Population: 1970

(I Γ	or minimum	base for deri				meaning (	of symbols, see		•		Fitchburg		
Causana Tamata		David in	Po	rt in Worces	ter County		Part in M	n Middlesex County					Tract
Census Tracts	Total SMSA	Part in Middlesex County	Total	Fitchburg	Leomin- ster	Balance	Tract 3011	Tract 3021	Tract 3022	Tract 7101	Tract 7102	Tract 7103	7104
RACE						Ì							
All persons	97 164 95 867	9 190 8 793	<b>87 974</b> 87 074	43 343 42 832	32 939 32 599	11 <b>692</b> 11 643	4 281 4 237	3 952 3 778	957 778	4 969 4 948 12	5 919 5 887 24	3 219 3 212	2 722 2 713
White Negro Percent Negro	1 003	330 3.6	673 0.8	390 0.9	252 0.8	31 0.3	33 0.8	148 3.7	149 15.6	0.2	0.4	••	0.1
AGE BY SEX													
Mele, all ages	46 452	4 598 413	41 <b>854</b> 3 785	20 180 1 790	15 847 1 521	5 <b>827</b> 474	2 079 195	2 002 154	517 64	2 260 199	2 868 266 117	1 569 126 48	1 304 104 49
Under 5 years 3 and 4 years 5 to 9 years	4 198   1 750 4 769	168 494	1 582 4 275	746 1 963	631 1 697	205 615	97 257 45	42 173 34	29 64 16	75 218 48	324 56	160 37	102 15
5 years 6 years 6	920 932	95 98	825 834	390 388	329 328 1 778	106 118 697	57 246	31 208	10 41	30 218	67 356	31 177 36	23 150 42
10 to 14 years 14 years 15 to 19 years	5 050 984 4 466	495 95 495	4 555 889 3 971	2 080 399 1 964	365 1 443	125 564	48 192	43 280	23	42 203 28	67 318 79	164 45	121
15 years	1 002 969	127 128	875 841	393 407	344 316	138 ! 118 ! 127	49 39 33	74 85 63	4 2	51 30	69 70	33 35	34 28 24 15
17 yeors	926 841	98 75	828 766 661	411 398 355	290 267 226	101 80	42 29	30 28	10	60 34	53 47 186	30 21 106	15 83
19 years 20 to 24 years 20 years	728 3 782 740	67 533 98	3 249 642	1 736 375	1 172 196	341 71	112 23 22	261 43 55	160 32 37	221 45 39	43 30	23 26	19 13
21 years 25 to 34 years	744 5 370	114 586	630 4 784	343 2 217	224 1 934 1 848	63 633 728	253 256	227 192	106 42	249 217	301 370	177 177 190	144 147 181
35 to 44 years	5 090 5 658 2 354	490 484 177	4 600 5 174 2 177	2 024 2 472 1 103	1 891 752	811 322	243 108	225 69	16	246 149 109	375 116 81	91 60	88 57
60 to 64 years	1 824 2 414	161	1 663 2 234	831 1 210	596 767	236 257 149	77 99 41	84 81 48	- 1	123 108	117 58	87 54	84 43
75 years and over	1 477 50 712	90	1 387 46 120	790 23 163	448 17 <b>092</b>	5 865	2 202 194	1 950 183	440 60	2 709 219	3 051 226	1 650 136	1 418 108
Under 5 years 3 and 4 years	4 053 1 696	437 184	3 616 1 512	1 731 736 1 899	1 482 609 1 695	403 167 621	83 260	77 180	24 76	84 206	110 384 59	59 162 36	48 117 26
5 to 9 years 5 years 6 years	4 731 920 984	516 106 116	4 215 814 868	372 393	327 354	115 121	52 63	40 33 184	14 20 41	35 44 199	86 374	34 154	27 125
10 to 14 years	4 758 945	469 88	4 289 857	2 027 391	1 591 318 1 489	671 148 546	244 51 167	31 174	30	52 240	71 247	24 160 31	23 146 28
15 to 19 years	4 692 949 916	67	4 321 882 843	2 286 425 393	326 309	131 141	36 39	27 30	4	57 30 50	53 59 46	32 30	27 33
16 years 17 years 18 years	881 971	69	812 897	366 534	315 287	131 76 67	42 23 27	26 40 51	11	49 54	46 43	31 36	30 28
19 years 20 to 24 years	4 348	520	887 3 828 924	568 2 143 571	252 1 341 278	344 75	147	268 63	105	272 61 63	184 47 28	123 26 32	95 20 17
20 years 21 years 25 to 34 years	1 036 963 5 449	1 112	851 4 891	495 2 239	290 1 974	66 678	28 265 266	59 197 223	25 96 23	249 242	357 403	177 172	122 157
35 to 44 years	5 381	512 465	4 869 5 689 2 415	2 237 2 781 1 234	1 905 2 077 856	727 831 325	247	212 91	6	313 154 137	396 118 106	231 78 68	214   76 84
55 to 59 years	. 2 27	170	2 101 3 354	1 125 1 915	759 1 148	217 291	92	78 95 65	2	267 211	143 113	112 77	110 64
75 years and over			2 532	1 546	775	211	04	, 43					
Aff persons	97 16		87 974	43 343	<b>32 939</b> 32 412	11 692 11 663		3 952 3 840	957 707	4 969 4 748	5 919 5 918	3 219 3 212	2 722 2 722 854
In households	. 30 22	5 2 675	85 978 27 550 22 320	41 903 14 034 10 928	10 019 8 336	3 497 3 056	1 261	1 247 1 053	167 163	1 616 1 261 355	1 678 1 514 164	972 844 128	740 114
Head of family Primary individual Wife of head	. 21 37	9 359 7 2 084	5 230 19 293	3 106 9 097	1 683 7 391	441 2 805 5 271	991	194 933 1 605	160 377	1 028 2 055	1 310 2 901	754 1 448	458 1 193
Other relative of head Not related to head	42 25	2 102	38 295 840 1 996	18 287 485 1 440	14 737 265 527	90	44	55 112	3 250	49 221	29 1	38 7	17
th group quarters Persons per household		1	3,12	2.99	3.24	3,3	3.39	3.08	4.23	2.94	3.53	3.30	3,19
TYPE OF FAMILY AND NUMBER OF OWN													
All femilies With own children under 18 years	_ 24 63 13 49		22 320 12 174	10 928 5 724	8 336 4 709	3 05 1 74	1 646	1 053 536	1 <b>63</b> 134 356	1 261 618 1 451	1 <b>514</b> 913 2 250	844 453 1 073	<b>740</b> 377 847
Number of children	31 85	5 3 118	28 737 19 293	13 387 9 097	11 227 7 391	4 12 2 80	991	1 207 933	160 131	1 028 531	1 310 793	754 428	658 352
With own children under 18 years Number of children	_ 12 06 _ 28 71	8 1 203 6 2 857	10 865 25 859	11 630	4 309 10 362 88.8	1 62 3 86 90.	7 1 436	478 1 076 77.6	345 94.5	1 255 83.4	1 968 85.3	1 022 91.2	790 90.2
Percent of total under 18 yearsFamilies with other male head	- 86	9 64	86.7 595		184 49	5. 1	6 28	34 13	. 2	46 6	39 11	19 4	20
With own children under 18 years Number of children	- 32	23 43	138 280	142	100 761	3 19	8 12	23 86	8 1	10 167	31 165	71	15 62
Families with female head With own children under 18 years	1 20	52 91	2 432 1 171 2 598	720	351 765	10 21	0 45	45 108	3	81 186	109 251 10.9	21 47 4.2	19 42 4.8
Number of children Percent of total under 18 years	8	.5 6.4	8.7 29 816	11.6	6.6 11 664	5. 4 26	1 6.5	7.8 1 387	0.8 365	12.4 1 505	2 306	1 121	876
Persons under 18 years MARITAL STATUS	33 20	3 386	27 810	13 003	,,								
Male, 14 years eld and ever			30 128 8 398		11 216 3 007	4 16 1 08	4 355	1 510 465	352 136	1 667 449 1 093	1 989 585 1 337	1 142 312 777	990 261 671
Single Married Separated	22 3	24 2 213 38 45	20 111 293	9 516 159	7 713 103 309	2 88 3 10	1 16	980 22 34	208 7 	24 72	10 41	6 39	2
Widowed Divorced	1 0:	23 60 18 62	656	374	187	9	5 23	31 1 434	8 <b>269</b>	53		14 1 222	1. 1 09
Female, 14 years old and everSingle	93	80 651	8 729	4 862		4 31 94 2 93	6 297	1 434 262 1 007	92 172	577	471 1 385	299 780	25 68
Married Separated	22 7	20 53	567	7 325	195 1 <b>5</b> 28	34	17 21 11 179	31 122	1	35 365	38 212	12 111 32	13 1
Widowed Divorced							0 36	43	4	77	/0	32	

Table P-1. General Characteristics of the Population: 1970—Continued

Γ	or minimum			ourg - Con.	calail, Elc.)	and med()!	g or symb	Leominster						
Census Tracts	Tract	Tract	Tract	Tract	Tract	Tract	Tract	Tract	Tract	Tract	Tract	Tract	Tract	Troc1
	7105	7106	7107	7108	7109	7110	7111	7091	7092	7093	7094	7095	7096	7097
RACE														1
White	3 823 3 804	8 156 8 011	1 <b>889</b> 1 795	5 060 5 004	<b>59.5</b> 588	3 914 3 809	3 077 3 061	<b>989</b> 976	10 723 10 643	71 <b>5</b> 693	5 776 5 696	5 045 5 028 7	1 <b>708</b> 1 686 19	7 983 7 877 85
Negro Percent Negro	10 0.3	110 1.3	83 4.4	41 0.8	1.0	97 2.5	0.2	9 0.9	57 0.5	19 2.7	56 1.0	0.1	1,1	1.3
AGE BY SEX														
Male, all ages	1 <b>807</b> 180 78	3 764 366 151	<b>864</b> 88 30	2 366 211 89	137	1 817 155 67	1 424 95 42	<b>482</b> 39 20	5 272 568 240	351 29 12	2 768 301 117	2 425 226 101	816 81 31	3 733 277 110
3 and 4 years 5 to 9 years 5 years	185 39	381 80	41 8	231 50	-	195 38	126	57 9	627 119	21 3	298 65	244 51	90 22	362 60
6 years	36 158	80 372	10 64	41 221		46 188	176	11 82 23	124 595 116	4 21 10	56 259 40	48 304 63	13 82 16 73	72 435 97
14 years	31 171 44	65 360 69	14 65 13	35 198 41	86	33 146 27	34   132   27	42 9	421 96	19 2	250 65	244 62	73 24 20	394 85
16 years17 years	40 38	78 <del>9</del> 0	7 8	41 40	. <u>ī</u>	29 39	27 25 32	6 12	83 77 87	2 5 8	50 46 42	61 54 40	20 11 11	94 85 69
18 years 19 years 20 to 24 years	22 27 151	59 64 315	16 21 99	39 37 239	41 44 48	25 26 194	29 19 94	10 5 21	78 371	2 38	47 271	27 131	7 67	273
20 years21 years	32 28	62 58	16 23	51 41	21 19	47 36	16 30	6 · 2	68 75	3 6	41 51	28 28 248	7 12	43 50 388
25 to 34 years	218 180 197	436 333 461	87 77 99	273 216 274	3 - -	207 158 214	122 149 235	46 70 65	738 600 601	31 35 43	385 312 264	314 351	98 92 96	425 471
55 to 59 years	100 75	184 155	49 38	143 106	-	101 85	82 65	18 15	232 170	24 29	116 88	107 85	40 32 45	215 177 203
65 to 74 years 75 years and over	116 76	254 147	86 71	153 101	-	109 65	81 67	16 11	221 128	32 29	157 69	93 78	20	113
Female, all ages	2 016 174	4 392 350	1 <b>025</b> 70	2 694 203	458 -	2 097 148	7 <b>653</b>	<b>507</b> 38 21	5 451 536 222	<b>364</b> 15 7	3 008 279 114	2 620 217 86	<b>892</b> 83 30	4 250 314 129
3 and 4 years 5 to 9 years 5 years	70 161 37	151 336 75	28 54 7	74 175 35	-	67 168 33	45 136 29	65 8	586 127	16 3	312 64	286 52	96 16	334 57
6 years10 to 14 years	31 175	66 393	16 55 10	30 198	-	38 209	21 145	11 59	113 503	3 22 5	64 251 46	63 283 65	20 83 15	80 390 71
14 years 15 to 19 years 15 years	43 158 32	69 367 82	76 7	39 238 53	277	34 177 49	26 200 33	11 65 11	105 454 103	22 4	275 47	240 62	71 14	362 85
16 years	25	78 69	16 11	59 29	-	36 34	31   34	13 17	104 94	6	50 62	55 48 40	14 18 13	67 72 75
18 years 19 years 20 to 24 years	36 35 180	71 67 370	13 29 96	52 45 262	129 148 173	32 26 232	45 57 156	15 9 24	77 76 431	3 25	62 54 317	35 154	12 60	63 330 92
20 years	27 46	77 83	19 24 67	60 53	119 48	50 72	65 29	6 6	69 92	8 5	65 73	31 32 279	7 19 97	63
25 to 34 years 35 to 44 years 45 to 54 years	215 174 228	470 420 524	67 69 85	246 247 305	3 1	204 170 244	129 182 241	51 77 64	744 591 664	30 27 53 26	368 294 329	362 320	97 98	405 457 549
55 to 59 years	119 94	245 223	57 63	152 157	2 1	142 109	91 83	17 12	257 210	33	122 143	138 110	44 44 67	252 207 358
65 to 74 years 75 years and over	192 146	375 319	176 157	263 248	1 -	159 135	117 76	23 12	302 173	59 36	222 96	117 114	52	292
RELATIONSHIP TO HEAD OF HOUSEHOLD							İ							7 983
All persons	3 796	8 156 7 918	1 889 1 835	<b>5 060</b> 4 947 1 827	<b>595</b> 5	3 914 3 865 1 294	3 077 2 937 913	989 989 255	10 723 10 708 3 188	<b>715</b> 707 360	<b>5 776</b> 5 759 1 844	5 045 4 933 1 406	1 708 1 632 478	7 584 2 488
Head of household Head of family Primary individual	1 308 993 315	2 648 2 096 552	919 410 509	1 296 531	5 - 5	981 313	793   120	233 22	2 726 462	145 215	1 520 324	1 264 142	407 71	2 041 447 1 798
Other relative of head	1 635	1 696 3 517	304 568	1 031 2 003	-	803 1 675	700	216 509	2 450 5 003	111 215 21	1 283 2 591 41	1 179 2 302 46	354 783 17	3 334 64
Not related to head	. 27	238 238	44 54	86 113	590	93 49	32 140	9 ~	67 15	8	17 3.12	112 3.51	76 3,41	299 3.09
Persons per household	2.90	2.99	2.00	2.71	1.00	2.99	3.22	3.88	3.36	1.96	5.12	0.31	44	
CHILDREN												1 264	407	2 041
All femilies With own children under 18 years Number of children	. 530	2 096 1 109 2 577	410 187 414	1 296 655 1 458	-	981 493 1 225	793   389 904	<b>233</b> 148 390	2 726 1 608 3 828	145 61 138	1 <b>520</b> 867 1 <b>9</b> 63	755 1 838	215 562	1 055 2 508
Husband-wife families With own children under 18 years	. 813	1 696 929	304 136	1 031 537	-	803 412	700 364	216 142	2 450 1 498	111 51	1 283 755	1 1 <b>79</b> 713	354 196	1 798 954
Number of children	_] 1 022	2 177 81.7	291 67.1	1 216 81,0	·	1 045 81.8	844 88.2	375 91.9	3 587 90.3	111 75.5	1 740 86.2	1 738 91.4	518 84.1	2 293 88.2
Femilies with other male head With own children under 18 years	_ 5	71 9	<b>21</b> 3	<b>56</b> 15	-	31 8	20 3 7	3 1	64	. 3	<b>49</b> 18	15 7	13 3 9	37 11 23
Number of children	148	13 <b>329</b>	6 85	25 209	-	13 147	73	14	22 212	31	29 188	16 70	40. 16	284 90
With own children under 18 years	_ 148	171 387 14.5	48 117 27.0	103 217 14.4	-	73 167 13.1	22 53 5.5	5 14 3.4	101 219 5.5	10 27 18.4	94 194 9.6	35 84 4,4	35 5.7	192 7.4
Persons under 18 years		2 664	434	1 502	1	1 277	957	408	3 972	147	2 018	1 902	616	2 601
MARITAL STATUS														2 756
Male, 14 years old and over Single Married	_ 373	2 710 771	685 225	1 738 510	137 136	1 312 399 840	1 061 280 725	327 97	3 598 910	290 98 140	1 <b>952</b> 544 1 329	1 714 435 1 218	579 173 375	750 1 891
SeparatedWidowed	- 11	1 768 19 107	346 25 50	1 101 38 75	-	15 34	5 i 41	219 - 6	2 541 26 91	20 27	23 45	5 50	9 16	20 74 41
Divorced Famule, 14 years old and over	- 32	64	64 856	52 2 157	- 458	39 1 606	1 301	5 356	56 3 931	25 316	34 2 212	1 899	15 645	3 283
Single Married	364 879	890 1 830	195 346	522 1 131	457	439 874	391 741	99 221	845 2 582	75 134	531 1 378	432 1 228	162 379 13	777 1 928 47
Separated Widowed Divarced	251	502	24 254 61	50 387 117	1	38 217 76	14 143 26	3 31 5	49 402 102	19 83 24	50 234 69	14 212 27	85 19	481 97
		100	٥١	11/	-	/6	26	5	102	24	ΟY			

Table P-1. General Characteristics of the Population: 1970—Continued

[	Balance of SM	SA in	Adjacent tract												
Census Tracts	Warcester Co Tract 7081	Tract 7121	Middlesex Cou	Tract 3001	Tract 7001	Tract 7011	Tract 7021	Tract 7031	Tract 7041	Tract 7051	Tract 7061	Tract 7071			
	7081	- /121													
All persons	4 273	7 419		274	3 484	6 635 6 623	3 894 3 879	3 769 3 763	6 217 6 206	<b>5 863</b> 5 838	1 <b>437</b> 1 <b>43</b> 1	3 422 3 405 14			
White	4 26B 1	7 375	:	2 269 3 0.1	3 480 3 0.1	2 -	8 0.2	-	5 0.1	16 0.3	-	0.4			
Percent Negro	-	0.4		V								1 657			
AGE BY SEX	2 125	3 702		1 142 107	1 749 159	3 242 304	1 <b>924</b> 160	1 791 154	2 968 255 119	3 046 233 104	<b>726</b> 76 38	121 57			
Under 5 years 3 and 4 years	179 75 207	295 130 408		45 136	69 217	127 376	64 180 44	65 169 33	336 65	320 60	93 13	163 20 41			
5 to 9 years 5 years 6 years	36 39	70 79		23 26	38 57 228	89 63 352	38 181	34 198	59 351	63 312 71	22 82 14	185 34			
14 years	246 49 193	451 76 371		157 26 125	42 142	76 289	38 176 35	48 133 26	75 286 82	305 57	53 12	140 30 29			
15 to 19 years	42 33	96 85		34 24	37 31 37	64 61 77	39 45	38 25 29	64 59 37	76 69 60	8 10 9	41 22			
17 years18 years	39 43 36	88 58 44		21 25 21	21 16	43 44	30 27 120	15 118	44 138	43 180	14 34	18 91 18			
19 years 20 to 24 years 20 years	117	224 46		53 10	77 13 15	208 42 35	21 21	22 16	23 23	37 35 395	7 8 95	17			
21 years25 to 34 years	228	49 405 482		13 127 133	211 184	351 335	206 183 262	168 171 199	305 303 354	368 386	73 72	184 263 123			
35 to 44 years 45 to 54 years 55 to 59 years	- 301	510 179		132 51	196 93 77	367 176 150	136 104	132 115	157 141	171 144 159	47 42 39	79   91			
60 to 64 years65 to 74 years	- 96 - 96	140 161 76		38 49 34	100 65	215 119	131 85	129 105	206 136	73	20 711	58 1 765			
75 years and over	2 148	3 717		1 132	1 735 141	3 393 293	1 <b>970</b> 154	1 <b>978</b> 163 64	3 249 240 106	2 817 192 85	68 22	118 51			
3 and 4 years 5 to 9 years	- 67	246 100 395		43 138	63 185	119 375 65	71 159 30	182 40	312 49	313 54 53	77 14 20	169. 29 36			
5 years	- 47 - 48	68 73		29 19 132	32 50 163	86 312	35 185	31 175 31	63 318 63	334 54	92 18	153 30			
10 to 14 years	1 .49	451 99 363		25 99	33 150	69 267 67	43 141 27	137 24 39	63 273 65	289 76 83	67 19 12	144 35 28			
15 years 16 years	39 44	92 97		20 23 23	32 41 37	61 50	34 34	39 28 24	58 58 54	58 45	11 16	32 30			
18 years 19 years	27	83 49 42		20 13	15 25	55 34 214	20 26 126	22 130	38 169	27 162 47	9 38 6	19 97 28			
20 to 24 years	137	207 42		60 10 14	94 24 17	50 39	29 20	25 32 175	35 31 321	26 297	8 90	15 167			
21 years 25 to 34 years	255	36 423 482	. }	141 138	216 192	361 375 382	187 173 321	176 250	358 366	348 327	65 90 37	207 241 127			
35 to 44 years	311 132	520 193		127 46 42	211 81 95	160 148	140 106	124 114 211	187 169 290	175 134 136	27 38	91 133			
60 to 64 years 65 to 74 years 75 years and over	119	143 172 122	!	65 43	119 88	277 229	165 113	141	246	110	22	118			
RELATIONSHIP TO HEAD OF HOUSEHOLD				Ì				3 769	6 217	5 863	1 437	3 422			
All persons		7 419 7 419		2 274 2 247	3 484 3 429 1 021	6 635 6 485 2 020	3 894 3 880 1 286	3 757 1 372	6 021 1 888	5 468 1 599 1 367	1 437 411 366	3 365 1 095 904			
Head of householdHead of family	1 295 1 124	2 200 1 930	2	633 546 87	858 163	1 638 382	1 068 218	972 400 788	1 537 351 1 366	232 1 221	45 340	19 81			
Primary individual	1 029	279 1 779 3 38	6	490 1 100	800 1 576 32	1 438 2 967 60	941 1 618 35	1 561 36	2 713 54	2 614 34 395	668 18	1 42 <sup>1</sup> 3 5			
Not related to head	31	5		24 27	55 3.36	150 3.21	3.02	12 2.74	196 3.19	3.42	3.50	3.0			
Persons per household	3.28	3.3	7	3.55	3,36	3.21									
TYPE OF FAMILY AND NUMBER OF OWN CHILDREN						1 638	1 068	972	1 537	1 367	366 201	90 45			
All femilies With own children under 18 years	603	1 93 1 13 2 70	18	546 314 851	858 476 1 256	907 2 288	501 1 183	453 1 143	768 2 080	768 1 990 1 221	522 340	1 06			
Number of children	1 029	1 77	6	490 292	<b>800</b> 451	1 <b>438</b> 821	941 449	<b>788</b> 367 913	1 366 698 1 912	709 1 858	192 500	41 99			
With own children under 18 years Number of children Percent of total under 18 years	1 345	2 52	22	797 87.0	1 205 92.1	2 078 86.9	1 065 86.4	74.8	87.0 43	87.5 <b>40</b>	89.3	90			
Families with other male head With own children under 18 years	32		24	16 4	10 2 3	41 10 16		9 20	11 22	16 34	3 8				
Number of children	12	1:	26 32	11 40 18	48 23	1 <b>59</b> 76	99 46		128 59	106 43 98	18 6 14				
With own children under 18 years	29	13	71 52 5.5	43 4.7	48 3.7	194 8.1	103 8.4	17.2	6.6	4.6	2,5 560	1 1			
Percent of total under 18 years			1	916	1 308	2 392	1 233	1 221	2 198	2 123	230				
MARITAL STATUS				710	1 187	2 286	, 1 441	1 318			<b>489</b> 114	1 2			
Male, 14 years old and over	396	, 6	88	768 222 510	310 815	634 1 495	384 975	352 842	1 429	1 277 24	346 3	ē			
Married Separated Widawed	51	<b>}</b>	23 54	7 26 10		23 91 66	51	64	90	69	17 12				
Divorced		2 7		786	1 279	2 482	1 515 257	274	568	465	492 101 348	1			
Single Separated	335	5 6 4 1.8	511	169 516 10 91	830 11	1 515 35	997	869	) 32	2 20	_2				
	1 19		401				. 711		,	49					

Table P-1. General Characteristics of the Population: 1970—Continued

ir.	[Far minimum base for derived figures (percent, medion, etc.) and meaning of symbols, see text]  Adjacent tracts in Worcester County—Con.												
Census Tracts	Tract 7072	Tract 7073	Tract 7074	Tract 7075	Tract 7131	Tract 7141	Tract 7142	Tract 7151	Tract 7161	Tract 7162	Trect 7163		
RACE													
All persons	2 221 2 212	4 857 4 844	<b>4 568</b> 4 555	<b>4 680</b> 4 626	<b>6 095</b> 5 769	10 464 9 171	2 962 2 932	1 <b>905</b> 1 894	6 344 6 297	3 302 3 257	3 737 3 719		
NegroPercent Negro	-	7 0.1	-	26 0.6	276 4.5	1 039 9.9	22 0.7	3 0.2	34 0.5	35 1.1	- 1		
AGE BY SEX											Ì		
Male, all ages	1 028 92	2 343 183	2 218 184	2 221 113	2 881 244	7 720 459	1 447 138	<b>975</b> 103	3 036 292	1 <b>580</b> 145	1 758 167		
3 and 4 years	42 115	71 196	86 215	38 180	103 297	176 397	58 192	42 129	127 331	59 172	141		
5 years6 years	27 19	39 37	34 49	31 39	66 45	83 83	28 33	24 28	60 67 362	38 29 162	31 30 164		
10 to 14 years 14 years 15 to 19 years	85 19 67	200 37 219	241 50 202	205 45 188	337 57 376	290 47 1 334	175 30 121	115 28 92	65 283	27 141	164 30 146		
15 years	12 17	50 45	47 41	34 43	80 47	37 23	35 30	27 21	65 65	26 26	146 34 29 31		
17 years18 years	15 12	44 50	44 33 37	45 32	76 90	52 407	28 19	18 13	49 53 51	36 27 28	30 22 133		
19 years 20 to 24 years 20 years	11 103 25	30 184 32	129	34 116 24	83 272	815 3 598 1 034	9 70 15	13 57 8	227 52	126 18	27		
21 years 25 to 34 years	16 133	25 218	25 20 222	20 190	54 62 345	937 1 128	15 178	11 126	38 309	24 186	24 214		
35 to 44 years	82 117	233 333	248 274	272 278	309 288	404 90	211 180	119 100	322 392 159	163 175 84	161 208 98		
55 to 59 years	52 63 72	151 117 194	133 143 154	151 141 221	113 89 125	6 4 7	60 32 53	38 37 36	112 154	78 89	96 142		
65 to 74 years75 years and over	47	115	73	166	86	3	37	23	93 3 308	59 1 <b>722</b>	1 979		
Famale, all ages	1 193 105 43	2 514 169 76	2 350 162 74	2 459 116 58	3 214 252 109	<b>2 744</b> 445 156	1 515 122 58	<b>930</b> 89 32	255 106	161	142 53		
5 to 9 years	110 18	182 37	192 32	164 26	280 55	467 91	188 32	101 28	355 66	144 36	138 27		
6 years 10 to 14 years	18 129	45 188 35	32 222	32 204	56 296	120 317	32 153	12 111	74 345	26 148 32	27 138 27		
14 years	31 86	35 249 53	52 207	44 167 29	89 467 110	47 125 36	38 139 29	20 78 17	81 310 68	147 42	135		
15 years	19 13 19	53 57 47	36 44 55	47 31	91 72	28 20	38 35	16 25	61 62	29 28	29 32 21		
18 years19 years	18 17	57 39	39 33	30 30	86 108	20 21	26 11	14 6	57 62	27 21 159	24 175		
20 to 24 years	105 16	198 54	174 27	138 36 31	328 97 70	401 37 72	80 16 15	54 10 14	233 49 39	38 25	40 30		
2) years 25 to 34 years 35 to 44 years	24 125 93	48 225 230	48 203 280	196 259	360 352	668 245	220 209	140 114	325 356	159 185	210 180		
45 to 54 years	129 79	342 165	293 166	293 163	333 99	46 10	178 46	94 46	426 202	216 93 76	246 104 116		
60 to 64 years	78 97 57	168 223 175	142 180	157 274 328	112 185	11 6 3	37 83 60	32 36 35	128 194 177	163 71	215 180		
75 years and overRELATIONSHIP TO HEAD OF HOUSEHOLD	3/	173	129	320	150	3	80	33	,,,				
All persons	2 221	4 857	4 568	4 680	6 095	10 464	2 962	1 905	6 344	3 302 3 302	3 737 3 645		
In households	2 192 769	4 785 1 755	4 568 1 527	3 471 1 138	5 312 1 597	5 285 1 343 1 333	2 880 825 714	1 880 534 472	6 257 1 846 1 560	1 040 857	1 343 940		
Head of family Primary individual Wife of head	569 200 471	1 242 513 1 047	1 234 293 1 109	873 265 768	1 333 264 1 191	1 333 10 1 316	111 664	62 435	286 1 241	183 719	403 748		
Other relative of head	915 37	1 921 62	1 893 39	1 522 43	2 430 94	2 615 11	1 357 34	899 12	3 125 45 87	1 503 40	1 525 29 92		
In group quarters Persons per household	29 2.85	72 2.73	2.99	1 209 3.05	783 3.33	5 179 3.94	82 3.49	25 3.52	3,39	3.18	2.7)		
TYPE OF FAMILY AND NUMBER OF OWN CHILDREN													
All families	569	1 242	1 234 604	873 479	1 333	1 <b>333</b> 1 036	714 458	<b>472</b> 298	1 <b>560</b> 879	857 415	94 <b>0</b> 442		
With own children under 18 years	281 690	600 1 358	1 442	478 1 165	795 1 892	2 474	1 109	722	2 217	1 086 719	1 028 748		
Husband-wife families With own children under 18 years Number of children		1 047 511 1 172	1 109 557 1 347	<b>768</b> 435 1 081	1 191 724 1 736	7 <b>316</b> 1 026 2 451	<b>664</b> 436 1 057	<b>435</b> 275 670	1 241 750 1 906	377 993	392 93 <b>5</b>		
Percent of total under 18 years	81.1 20	83.1 38	90.8	89.3	79.6	95.3 7	90.9	86.8 6	82.5 77	88.7 35	87.1 45		
Femilies with other male head With own children under 18 years Number of children	3	15 29	<b>28</b> 10 16	22 6 11	<b>29</b> 6 12	, 4 10	14 3 3	2 3	14 34	5 14	7 8		
Families with female head With own children under 18 years	78	157 74	<b>97</b> 37	83 37	113 65	10	<b>36</b> 19	31 21	<b>242</b> 115	10 <b>3</b> 33	147 43		
Number of children Percent of total under 18 years	.] 89	157 11.1	79 5.3	73 6.0	144 6.6	13 0.5	49 4.2	49 6.3	277 12,0	79 7.1	85 7.9		
Persons under 18 years	I	1 410	1 483	1 211	2 182	2 571	1 163	772	2 310	1 119	1 074		
MARITAL STATUS	ľ									1 128	1 316		
Male, 14 years old and over Single Married	. 208	1 <b>801</b> 519 1 113	1 <b>628</b> 399 1 147	1 768 682 924	2 060 713 1 265	<b>6 62</b> 1 4 418 2 044	<b>972</b> 261 678	<b>656</b> 182 450	2 116 688 1 294	319 747	417 799		
SeparatedWidowed	. 9 . 1 40	39 83	12 59	27 92	24 53	53 11	23	5 13	25 85	13 36	22 65 35		
Divorced.	.] 16	86	23	70	29	148	10	11 649	49 2 434	26 1 <b>30</b> 1	) 588		
Single Married	221 501	494 1 133	386 1 159	610 937	901 1 272	196 196 1 336	291 685	125 452	71 <i>4</i> 1 329	357 766	429 826 44		
Separated Widowed	- 19 123	53 301	22 236	14 401	31 226	4 25	4 91	6 51	47 308	146	271 62		
MarriedSeparated	221 501 19 123	1 133 53	1 159 22	937 14	1 272 31	1 336	685 4	125 452 6	714 1 329 47	357 766 27			

Table P-2. Social Characteristics of the Population: 1970

ſ			ı	Part in Worces	ster County		Part in N	Niddlesex Cau	nty	Fitchburg				
Census Tracts	Total SMSA	Part in Middlesex County	Total	Fitchburg	Leomin- ster	Balance	Tract 3011	Tract 3021	Tract 3022	Tract 7101	Tract 7102	Tract 7103	Tract 7104	
NATIVITY, PARENTAGE, & COUNTRY OF ORIGIN						11 400	4 354	3 946	963	4 969	5 886	3 249	2 797	
All persons Native of native parentage Native of foreign or mixed parentage Foreign born	97 237 62 479 25 273 9 485	9 263 7 150 1 671 442	87 974 55 329 23 602 9 043	43 343 26 561 12 285 4 497	32 939 20 388 8 839 3 712	11 692 8 380 2 478 834	3 405 763 186	2 927 799 220	818 109 36	3 275 1 324 370	3 669 1 814 403	2 001 1 015 233	1 491 987 319	
Foreign stock United Kingdom Treland (Eire)	34 758 1 886 2 030	2 113 164 82	32 645 1 722 1 948	16 782 925 1 225	12 551 586 622	3 312 211 101	949 90 33	1 019 59 44	145 15 5	1 <b>694</b> 81 273 33	2 217 97 67 8	1 248 197 207 23	1 306 7 12	
Sweden Germany Poland Czechoslovakia	518 1 203 602 109	25 181 111 8	493 1 022 491 101	291 515 265 52	104 369 157 35	98 138 69 14	25 68 8 8	79 103	34	38 26 16	123 76	34 15 7	33 13 -	
Hungary U.S.S.R.	139 103 422	7  37	132 103 385	77 28 226	44 51 141	11 24 18 181	7 - 9 54	28 52	12	9 26 215	13 12 33 438	7 - - 48	134	
floly	4 923 15 932 6	118 892 6	4 805 15 040 	2 084 7 414 –	2 540 6 359 —	1 267	403	448 6 -	41	780 - 16	1 181	570 - -	954	
All other and not reported Persons of Spanish languages	137 6 748 952	482 158	137 6 266 794	72 3 608 95	47 1 496 634	18 1 162 65	244	200 79	38 79	181 16	169	140	153	
Other persons of Spanish surname! Persons of Spanish mother tongue Persons of Puerto Rican birth or parentage	741 565	125 60	616 505	89 20	499 474	28 11	-	46	79 60	16	Ξ.	_	-	
SCHOOL ENROLLMENT  Enrolled persons, 3 to 34 years old	28 279	2 718	25 561	12 259	9 464	3 838 41	1 323 14	1 128 14	267	1 235 26	1 989 40	931 8	799	
Nursery school Public Kindergarten Public	439 172 1 599 1 240	28 13 108 44	411 159 1 491 1 196	225 98 713 546	145 44 588 477	17 190 173	6 56 19	7 36 9	16 16	89 63 659	20 138 105 1 138	8 58 51 472	62 26 378	
Elementary Public High school Public	16 051 12 200 6 996 5 706	1 767 1 754 586 562	14 284 10 446 6 410 5 144	6 324 4 023 3 087 2 234	5 763 4 295 2 284 1 919	2 197 2 128 1 039 991	837 837 325 312	714 714 237 226	216 203 24 24	421 363 253	631 480 369	373 308 268 85	129 244 101 109	
Percent enrolled in school by age:	3 194 90.4	229 84.6	2 965 91.0	î 910 92.9	684 84.0	371   99.9	91.0 91.0	77.7	311	98 90.3 54.4	193 93.2 64.7	99.9 47.2	87.1 66.2	
18 and 19 years	62.5 33.3 10.6	51.2 14.3 5.9	63.6 36.3 11.3 4.3	65.4 41.3 12.0 4.5	54.5 24.6 9.7 3.6	85.6 45.4 13.4 5.9	71.3 29.0 3.8 2.6	39.7 12.8 6.2 11.4	25.0 7.3	25.0 5.3 3.6	34.9 16.1	28.7 10.3 5.1	42.4 16.5 7.9	
and not enrolled in school	14.2	15.4	14.1	11.8	20.5	6.1	14.2	15.6	18.1	20.7	11.4	5.4	5.6	
YEARS OF SCHOOL COMPLETED  Persons, 25 years old and over No school years completed	52 338 662	4 503 36	<b>47 835</b> 626	23 736 419	17 <b>694</b> 165	6 405 42	2 335 17 33	1 861 19 36	307	2 776 68 79	3 041 35 65	1 829 5 32	1 539 16 35	
Elementary: 1 to 4 years	1 406 6 510 7 300	73 379 595 793	1 333 6 131 6 804 9 798	720 3 141 3 699 4 867	506 2 375 2 460 3 609	107 615 645 1 322	163 284 399	207 288 338	9 23 56	365 410 599	383 483 642 1 015	165 183 414 768	323 272 279 478	
4 years College: 1 to 3 years 4 years or more	17 390 4 628 3 752	1 757 576 294	15 633 4 052 3 458	7 598 1 863 1 429 11.4	5 698 1 483 1 398 11.8	2 337 706 631 12.2	992 304 143 12,3	587 248 138 12.1	178 24 13 12.3	922 181 152 11.3	269 149 11.6	158 104 12.2	96 40 10.3	
Median school years completed Percent high school graduates CHILDREN EVER BORN	11.9 49.2	12.2 58.3	11.8 48.4	45.9	48.5	57.4	61.6	52.3	70.0	45.2	47.1	56.3	39.9	
Women, 35 to 44 years old ever married Children ever born Per 1,000 women ever married	5 121 16 007 3 126	1 695	4 593 14 312 3 116	<b>2 055</b> 6 398 3 113	1 <b>842</b> 5 878 3 191	696 2 036 2 925	293 913 3 116	207 656 3 169	28 126 4 500	209 660 3 158	424 1 251 2 950	146 446 3 055	136 403 2 963	
RESIDENCE IN 1965				/1	29 969	10 818	3 986	3 602	861	4 536	5 414	3 022	2 550	
Persons, 5 years old and over, 19702	54 597	4 820	80 648 49 777 15 889	39 861 24 375 8 666	18 371 6 240	7 031 983	2 730 148	2 080 101	10	2 719 1 141	3 495 1 265	2 033 768	1 910	
In other part of this SMSA Outside this SMSA North and West	4 786 7 080 6 055	1 259 1 371 1 045	3 527 5 709 5 010	1 395 2 728 2 290	1 034 2 028 1 809 219	1 098 953 911	716 268 231 37	521 605 495 110	22 498 319 179	190 324 272 52 62	226 180 156 24	93 54 48 6	27 48 41 7	
South Abroad  MEANS OF TRANSPORTATION AND PLACE OF WORK	J	326 270	699 969	438 395	532	42 42	8	82	180	62	89	5	-	
All workers Private auto: Driver	39 632 27 251	2 740	35 659 24 511	17 448 11 118 2 766	13 433 9 544 2 013	4 778 3 849 457	1 812 1 358 237	1 676 1 126 341	465 256 140	2 144 1 317 376	2 358 1 619 440	1 354 938 197	7 233 846 202	
Passenger	1 160 53 3 902	17	5 236 1 143 35 3 608	820 8 2 221	281 21 1 160	42 6 227	12 6 82	. 5 12 123	- 89	93 - 341 17	97 121 34	78 - 109 15	102 - 40 30	
Worked at home	692	120	572 554 27 020	295 220 13 495	195 219 10 209	82 115 3 316	41	44 25 774	7	1 457	47 1 962	17 1 120	13 888	
Leaminster city  Remainder of Warcester County, inner ring	15 484 10 516	511 195	14 973 10 321 1 458	11 176 1 864 329	2 233 7 738 152	1 564 719 977	395 80 37	116 115 27 516	- - 7	1 077 318 47 15	1 647 255 27 33	978 105 15 22	770 106 5	
Middlesex County Outside SMSA Place of work not reported	. 1 332 8 348	1 762	268 6 586 2 053	126 2 885 1 068	2 506 718	56 1 195 267		833 69	335 143	589 98	291 105	120 114	262 83	

\*See text for definition. 2Includes "Moved, 1965 residence not reported."

Table P-2. Social Characteristics of the Population: 1970—Continued

			Fitch	burg – Con.				Leominster						
Census Tracts	Tract 7105	Tract 7106	Tract 7107	Tract 7108	Tract 7109	Tract 7110	Tract 7111	Tract 7091	Tract 7092	Tract 7093	Tract 7094	Tract 7095	Tract 7096	Traci 7097
NATIVITY, PARENTAGE, & COUNTRY OF ORIGIN														
All persons  Native of native parentage  Native of foreign or mixed parentage  Foreign born	3 823 1 832 1 234 757	8 156 5 040 2 250 866	1 710 1 154 390 166	5 239 2 989 1 417 833	576 528 44 4	3 767 2 609 871 287	3 171 1 973 939 259	1 071 822 234 15	10 641 6 877 2 756 1 008	718 429 210 79	5 773 2 578 1 747 1 448	5 045 3 458 1 314 273	1 603 986 470 147	8 088 5 238 2 108 742
Foreign stock	1 991 41 32	3 116 137 300 26	<b>556</b> 38 74 7	2 250 124 97 43	48 8 5	1 <b>158</b> 64 146 43	1 198 131 12 108	249 9 28 21	3 764 175 132 21	32	3 195 22 25	1 <b>587</b> 106 65 16	617 62 47	2 850 212 293 46
Germany	8 - - -	88 46 29	28 6 ~ 7	111 41 37	  5	48 14 ~ 8	28	12	78 15 - 14	-	71 - 5 -	64 48 5 12	6 23 19 11	150 59 6 7
Hungary U.S.S.R. Ifaly Canada	5 110 1 572	62 847 1 061	7 8 28 189	31 98 456	- 5 20	22 100 417	39 61 214	7 20 116	26 1 295 1 471	45 178	9 350 2 471	6 27 291 657	84 336	19 98 455 1 130
Mexico Cuba Other America All other and not reported	8 215	7 513	164	1 212	- - 5	296	41 560	36	- 8 529	- - 34	33 209	290	- - 29	369
Persons of Spanish language¹ Other persons of Spanish surname¹ Persons of Spanish mother tangue Persons of Puerto Rican birth or parentage		26 -:- 26 7	 6 6	···		 8 -	39		203 178 191	···	202 184 151		94 75 88	135 62 44
SCHOOL ENROLLMENT							Ì							
Enrolled persons, 3 to 34 years old	850 - 73 46 520	2 197 33 - 160 145 1 159	317 13 13 11 11 185	1 327 49 18 40 33 702	527 - - - - 20	1 126 23 23 53 48 553	961 27 10 29 18 538	460 - 16 12 260	3 030 60 	123 6 6 - - 99	1 491 19 13 96 75 959	1 555 36 7 119 101 883	394 6 - 7 7 232	2 411 18 18 125 71 1 399
Public Public Callege Callege	266 199 149 58	646 615 391 230	161 58 43 50	579 352 303 184	20 5 5 502	369 222 144 275	428 241 208 126	202 145 110 39	1 516 597 531 217	84 7 7 11	552 377 301 40	780 360 291 157	172 129 116 20	989 669 563 200
Percent enrolled in school by age: 16 and 17 years 18 and 19 years 20 and 21 years 22 to 24 years 25 to 34 years	74.1 43.0 11.6 8.4 4.0	93.2 63.9 27.1 9.2 5.3	76.3 30.6 29.3	99.0 75.8 8.6 17.0 7.5	95.5 87.9	99.9 40.8 71.8 20.0 8.6	95,9 84.5 56.7 6.6	99.9 61.8 51.7 9.9	82.2 51.2 21.0 7.4 2.8		70.0 43.7 15.7 3.5 1.1	66.5 77.2 31.6 9.7 5.4	99.9 13.0 - 34.4	96.5 56.7 34.7 8.1 6.0
Percent 16 to 21 years not high school graduates and not enrolled in school	21.5	8.7	27.8	16.1	4.0	9.0	5.1	-	23.1	50.0	37.7	12.2	16.5	12.0
YEARS OF SCHOOL COMPLETED  Persons, 25 years old and over	2 125	4 570	1 063	3 004	5	2 053	1 731	472	5 646	554	2 899	2 710	900	4 513
No school years completed	54 144 588 490 402 311	75 128 525 660 883 1 507	16 21 154 191 290 266	123 137 349 430 585 845	111111	12 53 187 381 446 758	15 26 102 199 327 728	3 13 26 64 210	70 195 853 769 1 270 1 851	25 129 111 149 91	20 118 674 604 718 625	10 73 174 262 504 1 052	11 14 133 178 212 225	54 78 399 510 692 1 644
College: 1 to 3 years Hedian school years completed Percent high school graduates	85 51	426 366 12.0 50.3	56 69 10.5 36.8	269 266 11.4 45.9	5	123 93 11.6 47.4	200 134 12.3 61.4	56 100 12.6 77.5	383 255 11.2 44.1	41 8 9.2 25.3	92 48 9.1 26.4	251 384 12.3 62.3	63 64 10.6 39.1	597 539 12.3 61.6
CHILDREN EVER BORN  Women, 35 to 44 years old ever married Children ever born	179 653 3 648	332 1 048	56 137	224 732	-	160 493	189 575	91 318	<b>570</b> 1 693	8 25	<b>303</b> 1 149	343 1 038	81 281 3 469	446 1 374 3 081
Per 1,000 women ever morried	3 046	3 157	2 446	3 268	-	3 081	3 042	3 495	2 970	•••	3 792	3 026	3 407	0 001
Persons, 5 years old and over, 1970?  Same house as in 1970.  Different house, In centrol city of this SMSA.	725	7 469 4 509	1 619 665 571	4 780 2 664 1 203	<b>576</b> 39	3 473 1 770 651	2 952 2 271 403	1 <b>004</b> 454 185	9 <b>539</b> 5 973 1 940	<b>656</b> 331 183	5 218 2 941 1 384	4 602 3 161 746	1 445 818 347	7 505 4 693 1 455
In other part of this SMSA Outside this SMSA  North and West South Abroad	133 102 31	209 532 400 132 58	78 146 106 40 26	215 365 335 30 101	69 363 358 5	184 475 364 111 41	61 108 108	104 231 205 26	406 457 362 95 126	9 21 21 - 7	99 218 206 12 180	110 335 322 13 50	97 64 58 6 60	209 702 635 67 109
MEANS OF TRANSPORTATION AND PLACE OF WORK	l .											÷		
All workers Private auto: Driver Passenger Bus or streetcar Subway, elevated train, or railroad	712 236 117	3 195 2 088 503 109	717 328 86 52 207	2 061 1 308 242 83	151 20 22	7 489 937 292 33	1 323 1 005 170 56 8	411 326 51 10	4 410 3 229 625 47	277 160 38 16	2 351 1 423 477 18 14	2 048 1 652 254 43	689 471 108 27 - 70	3 247 2 283 460 120 7 231
Wolked to work	14 23 1 112	423 44 28 2 556	36 8 481	317 52 59 1 672	109 - - 56	183 32 12 1 219	50 21 13 972	19 5 - 262	397 36 76 3 269	55 - 8 185	309 27 83 1 836	79 20 - 1 547	13 557	107 39 2 553
Fitchburg city. Leominster city Remainder of Worcester County, inner ring Middlesex County Outside SMSA Place of work not reported	980 100 32 -	2 073 420 50 13 468 171	355 99 21 6 167 69	1 450 147 69 6 249 140	56 - - - 63 32	976 194 32 17 197 73	814 120 31 7 285 66	181 15 - 122	528 2 654 44 43 919 222	5 180 	209 1 606 14 7 362 153	570 933 30 14 357 144	134 417 6 - 114 18	721 1 767 43 22 582 112

<sup>&</sup>quot;See text for definition. 2Includes "Moved, 1965 residence not reported."

Table P-2. Social Characteristics of the Population: 1970—Continued

	Balance of SMSA in Worcester County		Adjacent tract in Middlesex County			Adjace	nt tracts in W	orcester Coun	ty		
Census Tracts	Tract 7081	Tract 7121	Tract 3001	Tract 7001	Tract 7011	Tract 7021	Tract 7031	Tract 7041	Tract 7051	Tract 7061	Tract 7071
NATIVITY, PARENTAGE, & COUNTRY OF ORIGIN									. 707	1 400	2 274
Alf persons  Native of native parentage  Native of foreign or mixed parentage  Foreign born	4 273 3 009 932 332	7 419 5 371 1 546 502	2 201 1 553 525 123	3 484 2 632 724 128	6 550 4 842 1 434 274	4 012 2 891 884 237	3 765 2 603 877 285	6 318 4 785 1 141 392	5 797 4 113 1 340 344	1 <b>422</b> 1 057 290 75	3 374 1 959 1 106 309
Foreign stock United Kingdom Ireland (Eire) Sweden	1 264 105 21 47	2 048 106 80 51	<b>648</b> 77 18 61	<b>852</b> 49 11 20	1 708 63 80 7	1 121 31 25 24	1 162 57 33 20	1 533 127 38 39	1 684 34 7 40	365 21 22 31	1 415 64 12 110
Germany Poland Czechoslovakia Austria	26 30 8 5	112 39 6 6	16 7 -	24 7 - -	55 68 - -	43 61 37 26	49 70 45 18	29 30  31	12 248 - - 7	5 - -	237
Hungary U.S.S.R Italy Conada Mexico	24 12 41 422	6 140 845	134	9 26 388	18 161 986	36 79 529	12 51 543	17 66 794	16 91 784 4	15 109	24 596
CuboOther AmericaAll other and not reported	523	18 639	335	7 311	- 7 263	230	264	34 328 43	441	- 162 15	367
Persons of Sponish language!  Other persons of Spanish surname!  Persons of Sponish mother tongue  Persons of Puerta Rican birth or parentage	35 22 11	30  6 -	<u>.</u> -	15  7 -	14  7 -	17 10 -	<u>.</u>	34 -	12	4 -	
SCHOOL ENROLLMENT			400	1 064	1 730	1 060	844	1 852	1 644	484	889
Enrolled persons, 3 to 34 years old Nursery school Public Kindergarten Public Elementary	1 268 13 8 60 60 726	2 570 28 9 130 113 1 471	688 - - - - - 533	28 10 62 62 616	9 - 28 - 1 149	12 5 34 34 623	14 27 566	78 24 80 39 1 127	16 5 17 1 009	5 5  293 293	28   -   532   458
Public	707 311 306 158	1 421 728 685 213	485 116 93 39	616 275 263 83	1 135 447 402 97	623 325 325 66	566 206 179 31	1 127 475 475 92	974 518 496 84	137 131 49	231 208 98
Percent enrolled in school by age: 16 and 17 years 18 and 19 years 20 and 21 years 22 to 24 years 25 to 34 years	98.1 99.9 49.0 8.5 5.2	99.9 75.6 43.0 16.9 6.2	84.7 52.0 13.7 2.3	94.2 48.4 50.5 6.3 3.2	95.5 32.9 19.2 10.6 1.7	90.6 52.5 45.8 10.5 2.3	85.2 23.5 7.8 3.1	99.9 35.5 19.2 5.0 5.1	87.3 65.5 13.0 10.4	99.9 71.4 58.3 8.3	94.7 58.6 61.6 5.7 6.7
Percent 16 to 21 years not high school graduates and not enrolled in school	4.5	7.0	15,8	8.2	17.4	13.1	21.3	12.5	15.4	4.2	10.8
YEARS OF SCHOOL COMPLETED					0.474	2 337	2 206	3 563	3 233	737	2 020
Persons, 25 years old and over	2 407 33 51 229 215	3 998 9 56 386 430	1 102 21  108 124	1 931 15 22 153 266	3 616 17 85 523 570	9 45 179 303	48 74 343 335	40 43 368 536	247 119 371 433	15 91 79	43 43 170 242
High school: 1 to 3 years	571 815 290 203 12.1	751 1 522 416 428 12.2	247 395 126 81 12.1	336 684 210 245 12.3	858 1 122 267 174 11.1	590 841 214 156 12.1	568 629 118 91 10.6	702 1 302 281 291 12.1	793 1 018 164 88 10.7	184 247 73 48 12.0	395 783 212 132 12.1
Percent high school graduates	54.3	59.2	54.6	59.0	43.2	51.8	38.0	52.6	39.3	49.9	55.8
CHILDREN EVER BORN  Woman, 35 to 44 years old ever married  Children ever born  Per 1,000 women ever married	<b>243</b> 696 2 864	453 1 340 2 958	98 318 3 245	174 665 3 822	358 1 160 3 240	184 680 3 696	147 587 3 993	350 1 238 3 537	327 1 359 4 156	57 205 3 596	197 692 3 513
RESIDENCE IN 1965			3 070	0.104	5 948	3 708	3 448	5 770	5 386	1 277	3 123
Persons, 5 years old and over, 1970? Same house as in 1970 Different house: In central city of this SMSA	3 937 2 680 286	6 887 4 351 697	1 972 1 320 175	3 184 1 914 248	3 864 70	2 787 -	2 113 9	3 717 5	4 270 7	857 - 344	2 138 7 829
In other part of this SMSA. Outside this SMSA. North and West. South Abroad.	371 388 374 14 17	727 565 537 28 25	161 221 176 45	471 274 267 7 15	1 398 399 372 27 29	654 158 115 43 5	769 358 358  28	1 136 516 466 50 146	865 163 163 - -	30 30 - -	70 70 70 7
MEANS OF TRANSPORTATION AND PLACE OF WORK											
All werkersPrivate auto: DriverPassenger	1 767 1 428 215	3 011 2 421 242	<b>784</b> 575 119	1 319 1 052 129	2 624 1 719 413	1 525 972 237 15	1 487 861 268	2 343 1 687 309 40	2 286 1 592 379 26	486 400 56	1 524 1 097 204 7
Bus or streetcar Subway, elevated train, or railroad Walked to work Warked at home Other	- 63 31 30	42 6 164 51 85	7 83	102 5 31	249 124 112	197 55 49	298 40 20	158 106 43	7 148 81 53	12 12 6	114 47 55
Inside SMSA	1 004 517 117 364	2 312 1 047 602 613	414 346 17 - 51	447 352 32 63	191 151 7 33	46 38 8 -	4 4 -	29 17 12	116 86 24 6	28 22 - 6	76 48 8 20
Middlesex County Outside SMSA Place of work not reported	6 689 74	50 506 193	51 326 44	741 131	2 276 157	1 415 64	1 373 110	2 214 100	2 087 83	396 62	1 383 65

\*See text for definition. \*Includes "Moved, 1965 residence not reported."

Table P-2. Social Characteristics of the Population: 1970—Continued

				Adjo	icent tracts in	Worcester Cou	nty Con.				
Census Tracts	Tract 7072	Tract 7073	Tract 7074	Tract 7075	Tract 7131	Tract 7141	Tract 7142	Tract 7151	Tract 7161	Tract 7162	Trac# 7163
NATIVITY, PARENTAGE, & COUNTRY OF ORIGIN											
All persons	2 269	4 857	4 568	4 680	6 095	10 464	2 962	1 779	6 344	3 302	3 737
Native of native parentage	1 137 68B	2 187 1 719	2 185 1 618	3 362 867	4 460 1 124	9 654 604	2 249 568	1 478 234	4 288 1 639	2 237 840	2 402 950
Native of foreign or mixed parentage	444	951	765	451	511	206	145	67	417	225	385
Foreign stock	1 732	2 670	2 383	1 318	1 635	870	713	301	2 056	1 065	1 335
United Kingdom	13 86	29 36	21 32	66 40	178 104	36 30	72 10	56 18	94 459	114 166	113 251
ireland (Eire)	14	32	77	86	13	15	33	-	11	_	50
Germony	5 57	15	39	12	128	107	35	18	73 256	89 90	211 190
Poland	5/	299	104	92 -	89 11	38 21	-	-	26	-	''-
Austria	~	13	7	12	26	30 8	27	11	5	6	10
HungaryU.S.S.R.	6	18 24	47	8	12 62	16	21	10	40	11	35
Italy	19	1 929	66	17	105	64	45	20	562 242	179 239	103 151
Canada	679	1 838	1 <b>632</b> 7	566	454	155 39	261	102	747	-	()
Cuba	-		_		16	-	-	-	22	12	- 1
Other America	253	297	351	419	105 332	39 212	209	66	266	159	221
Persons of Spanish language!	_				170	534	51	_	59	99	94
Other persons of Spanish surname!			• • •	•••	•••	• • •	iò			99	94
Persons of Spanish mother tongue Persons of Puerto Rican birth or parentage	~	_	-	11	113 67	349 87	10 31	_	47 11	99	38
, , , ,				• • • • • • • • • • • • • • • • • • • •	0,	•					1
SCHOOL ENROLLMENT											
Nursery school	672	1 115	1 281 14	1 <b>071</b> 16	2 142 25	2 027 27	1 012 44	<b>522</b>	1 931	8 <b>47</b> 7	814 30
Public	-		-	-	_	18	13			_	39
Kindergarten	14	39	29 14	5	74 10	176 160	65	37 17	44 6	38 7	10 1
Elementary	398	657	786	574	996	1 216	561	319	1 194	503	447 175
PublicHigh school	237 153	455 294	425 321	386 330	619 517	1 206 326	504 253	312 123	557 496	406 213	194
Public	148	283	276	330	341	289	185	111	401	197	156   104
College	107	125	131	146	530	282	89	32	197	86	104
Percent enrolled in school by age: 16 and 17 years	99.9	75.8	96.9	79.9	99.9	84.0	99.9	60.7	99.9	98,1	92.6
18 and 19 years	62.7	58.3	44.2	68.3	82.4	9.1	76.3	73.7	59.6	44.4	44.3
20 and 21 years	46.2	19.7	41.8	60.8 9.1	46.6 29.5	5.1	24.6 14.4	12.0	30.2 6.2	18.2 9,8	12.4   13.1
22 to 24 years	13.8 7.8	10.5 4.1	4.2 6.9	4.9	8.3	5.4 3.8	7.9	2.0	2.8	2.5	7.9
Percent 16 to 21 years not high school graduates	15.4	20.0	10.1	161	4.0	107	-	8.0	6.7	10.6	14.5
and not enrolled in school	15.6	29.9	12.1	15.1	4.8	12.7	-	0,0	0.7	,0,0	
YEARS OF SCHOOL COMPLETED											ļ
Persons, 25 years old and over	1 243	2 885	2 640	3 104	2 967	2 621	1 575	981	3 341	1 797	2 268 53
No school years completed Elementary: 1 to 4 years	41 32	136 151	47 146	49 55	44 51	13	_	17	38 117	35 41	47
5 to 7 years	213	682	446	337	218	28	15	87	324	225	224 267
High school: 1 to 3 years	195 246	584 530	452 519	514 555	306 531	107 372	57 185	64 120	523 705	253 403	423
4 years	363	554	813	744	856	1 274	379	323	1 205	630	865 177
College: 1 to 3 years	106 47	181 67	148 69	389 461	496 465	410 417	304 635	199 171	314 115	137 73	212
Median school years completed	10.7	8.8	10.3	12.1	12,4	12,6	14.5	12.6	11.8	11.6	12.1
Percent high school graduates	41.5	27.8	39.0	51.4	61.2	80,2	83.7	70.6	48,9	46.7	55.3
CHILDREN EVER BORN											
Women, 35 to 44 years old ever married	105	174	257	229	313	224	193	96	337	158	141
Children ever born	350	553	854	761	957	664	577	307 3 198	1 192 3 537	517 3 272	529 ' 3 752
Per 1,000 women ever married	3 333	3 178	3 323	3 323	3 058	2 964	2 990	3 198	3 337	3 2/2	
RESIDENCE IN 1965	1										
Persons, 5 years old and over, 19702	2 087	4 505	4 222	4 451	5 604	9 581	2 703	1 586	5 801 4 044	2 999 1 960	3 428 2 034
Same house as in 1970 Different house:	1 328	2 570	2 806	2 573	2 706	60	1 280	793	4 044		
In central city of this SMSA	12		29	18	94		4	170	23 1 123	40 659	26 873
In other part of this SMSAOutside this SMSA	448 169	1 477 169	1 173 47	959 310	918 1 213	72 6 818	302 962	173 565	180	249	219
North and West	133 36	157 12	47	233 77	1 010	4 364 2 454	906 56	541 24	136 44	170 79	188 31
Abroad	66	82	13	47	203 147	1 434	48	24	134	22	28
MEANS OF TRANSPORTATION AND PLACE OF WORK	ļ										
										1 379	1 545
Private auto: Driver	927 381	2 180 1 060	2 044 1 295	1 559 1 144	<b>2 665</b> 1 718	6 817 4 284	1 <b>071</b> 871	<b>696</b> 494	2 762 1 714	872	844
Possenger	190	476	359	197	429	347	99	73	437	215	299
Bus or streetcarSubway, elevated train, or railroad	1 =	7	-	33 5	8 14	=	10	14 7	13	_	_
Walked to wark		569	286	132	372	1 562	48	25 59	497	275	239 47
Worked at home		34 34	25 79	27 21	68 56	487 137	43	59 24	51 50	8 9	116
Inside SMSA	l .	127	139	97	193	72	54	26	73	28	8
Fitchburg city		62	95	36	46	33	29	_	12	20	8
Leominster city	32	42 23	22 22	52 9	128 4	26	9	6 13	61	_	_
Middlesex County	) -	_	-	_	15	13	10	7	-	1 222	1 442
Outside SMSAPlace of work not reported	777	1 936 117	1 774 131	1 372 90	2 196 276	6 259 486	994 23	665 5	2 477 212	1 233 118	1 443 94
	L					-100					

'See text for definition. Includes "Moved, 1965 residence not reported."

Table P-3. Labor Force Characteristics of the Population: 1970

ſ				art in Warcest			ent, median, e Part in Mi	ddlesex Count			Fitchburg		
Census Tracts	Total SMSA	Part in Middlesex County	Total	Fitchburg	Leomin- ster	Balance	Tract 3011	Tract 3021	Troct 3022	Tract 7101	Tract 7102	Tract 7103	Tract 7104
	3111071												
EMPLOYMENT STATUS				13 987	10 491	3 825	1 353	1 335	388 379	1 584 1 275	1 <b>839</b> 1 497	1 093 825	<b>938</b> 776
Male, 16 years old and overabor force	31 379 25 393	3 076 2 661	28 303 22 732	10 786	8 751 83.4	3 195 83.5	1 179 87.1	1 103 82,6	97.7	80.5 1 204	81.4 1 472	75.5 820	82.7 776 748
Percent of total	80.9 24 349	86.5 2 092	80.3 22 257	77.1 10 497	8 598	3 162 3 061	1 148 1 109	932 903	12 12	1 161	1 433	812 8	748 28
Employed	23 501 848	2 024 68	21 477 780	10 096 401	8 320 278	101	39	29 3.1	-	43 3.6	2.6	1.0	3.6
UnemployedPercent of civilian labor force	3.5	3.3	3.5	3.8	3.2	3.2	3.4 174	232	9	309	342	268	162
Not in labor force	5 986	415 78	5 571 246	3 201 134	1 740 92	630 20	-	78	- 4	48 58	102	47	43
Inmate of institution	1 569	86	1 483	823 771	479 374	181 141	36 59	46 42	5	64 139	93 147	53 168	37 82
Other under 65 yearsOther 65 years and over	1 387	101 150	1 286 2 556	1 473	795	288	79	66			336	160	152
	١		4 377	2 257	1 602	518	<b>184</b> 74	286 140	126 118	<b>233</b> 75	106	64 14	37
Male, 16 to 21 years old	1 848	332	1 516 648	734 259	645 352	137 37	40	50 28	24	36 6	57 21	5	-
Not high school graduates Unemployed or not in labor force	762 209		153	66	77	10	28			2 064	2 020	1 185	1 059
		3 183	33 040	17 106	11 884	4 050 1 855	1 <b>541</b> 768	1 <b>417</b> 724	225 104	1 006	996	576 48.6	497 46.9
Female, 16 years old and ever	16 666	1 596	15 070 45.6	7 731 45.2	5 484 46.1	45.8	49.8	51.1 707	46.2   58	48.7 1 006	49.3 996	576	49 48
Percent of totalCivilian labor force	.  16580	1 533	15 053 14 271	7 723 7 273	5 479 5 258	1 851 1 740	768 738	647	53	929 77	932 64	561 15	14
EmployedUnemployed	15 709	7 95	782	450	221 4.0	111 6.0	30 3.9	60 8.5	8.6	7.7 1 058	6.4 1 024	2.6 609	2.i 56
Percent of civilian labor force	- ] 5.3	3 6.2 7 1 587	5.2 17 970	5.8 9 375	6 400	2 195	773	693	121			707	65
Not in labor force			19 252	9 168	7 268	2 816	1 039 548	1 001 448	170 58	1 052 468	1 299 592	727 326	31 13
Married wamen, husband present In labor force	9 50	2 1 054	8 448	4 016	3 228 2 149	1 204 670	249	296	107 27	267 50	359 75	187 35	3
With own children under 6 years			5 304 1 353		566	175	69	109		24			
OCCUPATION	1		1			4 801	1 847	1 550	65	2 090	2 365	1 373 131	1 23
Total employed, 16 years old and over					13 578 1 600	821	218 26	245 53	11	197 26	212 33	9	2
Professional, technical, and kindred workers	90	7 90	817	347	321 435	149 230 398	40	70	-	60 96	47 206	32 93	7
Teachers, elementary and secondary schools Managers and administrators, except farm	] 1 32	rol 28:	2 685	1 152	1 135 989	398 332	158 114	127 118	-	79	169 32	77 6	(
Salaried	2 4	75 232			80	30	20	5	-	5	144	118	1
Self-employed in retail trade		"	1	1 286	869	301	142 67	61 26	9	147 10 <u>7</u>	91	56 315	1:
Sales workersRetail trade	1 6	21 9	1 528	823	550 1 972	155 738	328	264 223	-	417 297	431 359	137	i
Clerical and kindred workersCraftsmen, foremen, and kindred workers	5 7:	24 49	5 22	2 209	2 337 429	682 139	273 50	42	-	60 <b>45</b>	66 81	37 31	
Construction craftsmen Mechanics and repairmen	1 2		9 1 11	9 412	402	155	35 353	64 337	32	543	589 50	348 47	3
Operatives, except transport	91	78 72	2 8 45	6 4 170 3 447	3 363 336	923 120	66	59		87	108	44	
Transport equipment operatives	~		1		470	158		55 21	8	96 	5	136	1
Loborers, except formForm workers	2	21 8	4 13	7 44	48 1 371	45 576	156	147 95	5	199 147	261 185	70	
Service workers¹Cleaning and food service workers	2 4	16 19	5 2 22	1 123	711 185	387 36	5	_	-	22 26	29 38	25 36	
Protective service workersPersonal and health service workers	1 5	63 .	5 45 2 94	0 429	387	124 39		36 11	-	้ำ	-	4	
Private household workers		47	1 23	6 120			1	647	53	929	932	561	
Female employed, 16 years old and ever	15					344	76	83 34	11	106 49	69 30	41 22	
Professional, technical, and kindred workers Teachers, elementary and secondary schools	8	146	ro 77	6 335		14	41	15 25	<u>-</u> 9	28 101	40 77	25 48	
Managers and administrators, except farm Sales workers			66 46	9 645	424	140		199	- -	306 116	278 60	212 62	
Clerical and kindred workers	4	554 4: 405 1	54 4 20 14 1 29					74		1	265	96	
Secretaries, stenographers, and typists			44 3 7	52 1 829				174 34	28	244 35	50	30	
Operatives, including transport		578	91 4	87 232 33		, l	9 19		5	98	153	105	
Form workersService workers, except private household	2	310 2	23 2 0					11	=	11	-	4	
Private household workers		230	11 2	.,									
INDUSTRY	ŀ							1 550	65	2 090	2 365		
Total employed, 16 years old and ever		210 3 4				22	0 93	80	17	. 104	115 1 139	683	ì
Construction	17	178 1 3	05 15 8	73 7 46	6 60	3 180 n 95	7 309	224	5	335	552 29	250 10 21	)
Durable goods	7	345 5 652 5		82 25	21	5 11			8	78	77		5
Transportation		038	91 9 55 1 1	47 52 75 54	5 42	5 20	109	41		85			
Wholesale tradeRetail trade		330 169	5 6	48 2 84	2 2 01		l			52	67	5.	
Finance, insurance, and real estate			91 1 C	)03 56 735 32	1 26	6 14	18 72	25	-		33 ; 41	. 2	2
Business and repair servicesPersonal services	1		14 9	70 47	0 36	7 13	58 53	84	. 11		107	7 8	3 4
Health services			148 1 9 290 2 3	82 1 18	4 78	i 4	17 137			- 77	38	i i	4
Educational servicesOther professional and related services		969	87 8	382 44 395 76	0 45	7 1	78 60	5 131		- 99	7 108	j 1	9 7
Public administrationOther industries				465 19	7 1 <u>5</u>	i2 1	16 70	, ,,					
CLASS OF WORKER						78 48°	01 1 84	7 1 550	: ) 6.	5 2 09			
Total employed, 16 years old and over		314 2	462 35 625 29	689 14 5	1 11 43	79 36		9 1 152 6 351	4 2	4 1 79 1 24	7 24	5 14	18
Private wage and salary workers Government workers	4	814	608 4 245 2	206 2 07 565 1 26	i 8	37 4	67 13	8 107	, .	14	98	i :	96 57
Local government workersSelf-employed workers	1 3	959	209 1	750 74	រា 6:	55 3 <b>47</b>	54 16 15 1		1		5	5	7

Includes allocated cases, not shown separately.

Table P-3. Labor Force Characteristics of the Population: 1970—Continued

· · · · · · · · · · · · · · · · · · ·				burg – Con.	<del></del>				una meanin		eominster			
Census Tracis	Tract 7105	Tract 7106	Tract 7107	Tract 7108	Tract 7109	Tract 7110	Tract 7111	Tract 7091	Tract 7092	Tract 7093	Tract 7094	Tract 7095	Tract 7096	Troc! 7097
EMPLOYMENT STATUS										<del>, , , , , , , , , , , , , , , , , , , </del>			<del></del>	
Male, 16 years old and ever  Labor force  Percent of total  Civilian labor force  Employed  Unemployed  Percent of civilian labor force  Innate of institution  Enrolled in school	1 250 888 71.0 868 829 39 4.5 362	2 541 1 998 78.6 1 935 1 859 76 3.9 543 21	622 470 75.6 428 417 11 2.6 152	1 749 1 258 71.9 1 217 1 146 71 5.8 491 50 129	138 35 25.4 35 15 20 57.1 103	1 225 983 80.2 972 918 54 5.6 242 15 62	1 008 781 77.5 770 758 12 1.6 227	321 251 78.2 241 226 15 6.2 70	3 386 2 943 86.9 2 882 2 818 64 2.2 443 93	295 211 71.5 211 193 18 8.5 84	1 817 1 493 82.2 1 469 1 435 34 2.3 324 68	1 582 7 322 83.6 1 306 1 270 36 2.8 260 47 85	530 432 81.5 423 402 21 5.0 98 14 33	2 560 2 099 82.0 2 066 1 976 90 4.4 461 31
Other under 65 yearsOther 65 years and over	139 177	83 280	36 90	129 183	19	58 107	60 100	9 10	93 257	17 54	103 153	27 101	7 44	118 176
Male, 16 te 21 years old Not enrolled in school Not high school graduates Unemployed or not in Jabor force	1 <b>83</b> 83 31 8	<b>367</b> 109 24 6	112 63 31 5	<b>245</b> 78 39 10	133 29 5 5	199 43 16	137 47 6	63	<b>493</b> 249 122 14	18 6 6 3	304 155 124 42	242 83 32 13	70 19 9 -	412 133 59 5
Female, 16 years old and over Lobor force Percent of total Civilian lobor force Employed Unemployed Percent of civilian labor force Not in labor force	1 484 658 44.3 658 609 49 7.4 826	3 232 1 323 40.9 1 315 1 272 43 3.3 1 909	757 285 37.6 285 257 28 9.8 472	2 106 908 43.1 908 833 75 8.3 1 198	436 153 35.1 153 153  283	1 533 769 50.2 769 711 58 7.5 764	1 230 560 45.5 560 533 27 4.8 670	319 159 49.8 159 150 9 5.7 160	3 685 1 790 48.6 1 790 1 709 81 4.5 1 895	315 111 35.2 171 111 	2 093 1 005 48.0 1 005 948 57 5.7 1 088	746 780 44.7 780 764 16 2.1 966	630 309 49.0 304 295 9 3.0 321	3 096 1 330 43.0 1 330 1 281 49 3.7 1 766
Married women, husband present In labor force	821 339 247 73	1 765 695 531 146	317 113 80 10	1 012 440 297 92		775 389 223 52	749 340 163 47	204 93 45 17	2 433 1 137 766 180	136 45 37 6	1 256 558 423 137	1 127 464 344 87	335 169 92 30	1 777 762 442 109
OCCUPATION														
Total amplayed, 16 years old and over Professional, rechnical, and kindred workers Health workers Teachers, elementary and secondary schools Managers and administrators, except form Solaried Self-employed in retail trade	1 438 104 14 22 91 64 23	3 131 459 63 155 189 165	674 49 17 5 36 20	1 979 320 70 90 195 164 21	168 9 5  5 5	1 629 212 36 61 90 59 25	1 291 205 49 64 80 59 21	376 82 22 29 60 49	4 527 451 93 107 300 269 9	304 8 - 16 16	2 383 128 21 32 109 86 14	2 034 327 62 60 266 227 13	697 79 16 38 34 34	3 257 525 107 169 350 308 33
Sales workers Retail trade Clerical and kindred workers Craftsmen, foremen, and kindred workers Construction craftsmen Mechanics and repairmen Operatives, except transport Transport equipment operatives	66 56 511	225 173 634 368 102 54 672 87	64 45 124 61 5 5 153	155 84 333 208 60 20 367 31	5 81 5 5 - 10	123 76 335 185 45 32 358 30	110 55 262 224 57 60 236 28	23 15 73 29 - - 55	219 154 644 879 171 136 1 221 159	30 25 6 61 13 5 99 5	87 75 268 535 118 74 881 63	169 95 357 267 44 70 366 24	58 47 96 94 28 10 194 34	283 139 528 472 55 107 547 51
Laborers, except form  Farm workers  Service workers¹  Cleoning and food service workers  Protective service workers  Personal and fealth service workers  Private household workers	121 72 5 35	136 5 337 159 45 113	38 123 82 14 16 15	87 6 233 119 42 58 44	53 39 - 5	83 9 195 138 18 32 9	23 19 95 41 8 38	16 4 34 28 3 -	131 20 489 216 88 137	3 76 43 11 15	108 196 131 24 26 8	63 16 179 117 8 54	33 5 70 29 21 10	327 147 30 145 55
Female employed, 16 years old and over Professional, technical, and kindred workers Teachers, elementary and secondary schools Managers and administrators, except form Sales workers Clerical and kindred workers Secretaries, stenographers, and typists	19 5 41 55 148	1 272 212 107 42 106 386 125	257 6  9 36 65 20	833 116 18 20 83 269 76	153 9 - 5 5 81 19	711 89 48 42 59 237 83	533 108 43 6 27 205 60	1 <b>50</b> 34 18 4 10 63 30	1 709 179 67 26 125 407 133	111 8 - 8 20 -	948 56 24 19 54 181 72	764 116 49 27 75 273 70	295 41 24 8 32 59 27	1 261 226 115 49 108 399 117
Operatives, including transport Other blue-collar warkers Form workers Service workers, except private household Private hausehold warkers	15	269 29 5 209 14	67 5 - 59 10	171 23 - 107 44	5 - 48 -	154 26 - 95 9	96 10 72 9	19 - - 20 -	599 72 9 278 14	49 - - 26 -	496 55 - 79 8	139 32 - 102	106 7 - 42 -	240 33 178 48
INDUSTRY			474	1 979	148	1 400	1 001	274	4 527	304	2 383	2 034	697	3 257
Total employed, 16 years old and over	86 759 307 14 38 28	3 131 123 1 201 504 52 75 131	674 20 264 106 11 27 4 143	1 979 106 746 376 18 49 48 291	168 5 24 - 4 - 53	1 629 64 705 379 33 28 35 258	1 291 73 424 215 28 101 38 167	376 8 135 68 4 8 18	4 527 191 2 345 949 93 109 153 591	304 37 135 32 5 - - 52	2 383 224 1 437 511 43 24 59 235	130 899 398 18 60 61 373	36 328 116 28 14 18	125 1 324 476 24 113 116 575
Finance, insurance, and real estate  Business and regair services  Personal services  Health services  Educational services Other professional and related services  Public administration  Other industries	36 22 53 77 20 42	95 38 75 238 252 113 191 36	36 5 52 28 26 21 37	105 15 85 144 188 49 114 21	5 20 53	19 53 104 159 50 24 53	60 35 20 109 62 46 29	15 6 45 33 10 3 4	72 132 130 186 241 84 150 50	5 7 9 5 12 22 6 9	34 39 32 50 53 45 93	29 19 45 125 136 45 53 41	5 5 11 25 67 4 35 20	123 58 140 213 239 77 117
CLASS OF WORKER												, = :		4 657
Total supleyed, 16 years old and ever Private wage and salary workers Government workers Local government workers Self-employed workers Unpoid family workers	- 1 292 - 109 - 68 - 37	3 131 2 559 454 306 118	674 505 94 26 75	1 979 1 587 297 190 85 10	168 116 52 4	1 629 1 334 223 117 64 8	1 291 1 018 145 103 122 6	52 44 25	4 527 3 849 474 308 175 29	304 268 20 6 16	2 383 2 140 157 91 86	2 034 1 680 239 117 112 3	697 561 106 51 30	3 257 2 688 349 220 211

Uncludes allocated cases, not shown separately.

Table P-3. Labor Force Characteristics of the Population: 1970—Continued

·	Balance of SN	SA in	ext. For minimum base fo	or derived ligur	es (percent, or			cester County			
Census Tracts	Worcester Co Tract 7081	Tract 7121	Middlesex County  Tract 3001	Tract 7001	Tract 7011	Tract 7021	Tract 7031	Tract 7041	Tract 7051	Tract 7061	Tract 7071
EMPLOYMENT STATUS	7001	,,,,,,						1 044	2 114	437	1 150
Male, 16 years old and over Labor force Percent of total Unemployed Unemployed Percent of civilian labor force Inmate of institution Enrolled in school Other under 65 years Other 65 years and over	1 438 1 149 79,9 1 149 1 125 24 2.1 289 20 82 75 112	2 387 2 046 85.7 2 013 1 936 77 3.8 341 	666 526 79.0 521 508 13 2.5 140 — 21 49 70	1 123 857 76.3 847 814 33 3.9 266 20 68 65 113	2 109 1 787 84.7 1 776 1 721 55 3.1 322 38 42 71 171	1 389 1 065 76.7 1 060 980 80 7.5 324 - 91 59 174	1 256 914 72.8 914 875 39 4.3 342  73 102 167	1 944 1 466 75.4 1 466 1 423 43 2.9 478 30 94 95 259	1 437 68.0 1 437 1 411 26 1.8 677 305 126 98 148	318 72.8 318 308 10 3.1 119 - 37 13 69	964 83.8 959 933 26 2.7 186 
Male, 16 to 21 years old Not enrolled in school Yot high school graduates Unemployed or not in labor force	1 <b>76</b> 49 15 6	342 88 22 4	102 51 20 15	151 25 20 5	266 120 47 14	193 60 31 19	83 45 20	90 26 12 2 352	116 56 35 1 <b>897</b>	8  - 444	51 24 
Femals, 16 years old and over Labor force Percent of total Civilian labor force Employed Unemployed Percent of civilian labor force Nat in labor force In labor force With own children under 6 years In labor force	1 515 700 46.2 700 663 37 5.3 815	2 535 1 155 45.6 1 151 1 077 74 6.4 1 380 1 778 762 411 110	668 274 41.0 274 255 19 6.9 394 470 201 166 43	1 191 546 45.8 546 536 10 1.8 645 759 369 202 48	2 316 1 026 44.3 1 026 998 28 2.7 1 290 1 386 647 372 106	1 481 625 42.2 625 607 18 2.9 856 944 401 201 42	680 47.2 680 630 50 7.4 762 779 366 180 39	947 40.3 947 914 33 3.5 1 405 1 455 611 365 73	993 52.3 993 968 25 2.5 904 1 175 634 294 122	188 42.3 188 188 - 256 318 141 79 21	628 48.9 628 611 17 2.7 656 813 430 187 55
OCCUPATION						<b>-</b>	1 505	2 337	2 379	496	1 544
Total employed, 16 years old and over Professional, technical, and kindred workers Health workers Teachers, elementary and secondary schools Managers and administrators, except farm Salaried Self-employed in retail trade	304 68 65 154 124	3 013 517 81 165 244 208	763 125 28 10 78 63	1 350 218 18 107 160 160	2 719 281 87 98 171 144 8	1 587 194 49 61 87 83 -	1 505 117 23 51 57 30 20	364 78 125 174 132 25	224 103 34 135 97 16	68  25 31 26 	180 59 37 166 140 10
Sales workers Retail trade Clerical and kindred workers Craftsmen, foremen, and kindred workers Construction craftsmen Mechanics and repairmen Operatives, except transport Transport equipment operatives	40 263 261 52 67 366	218 115 475 421 87 88 557	36 59 135 29 32 190 26	88 42 222 160 37 27 217 41	134 93 288 399 91 104 872 104	310 316 42 27 360 39	65 232 228 29 32 546 18	39 338 374 52 90 542 78	53 340 422 83 47 739 76	10 64 119 14 23 132 16	294 243 35 50 393 32
Laborers, except farm Farm workers Service workers! Cleaning and food service workers Protective service workers Personal and health service workers Private household workers	26 240 147 10 73	109 15 336 240 26 5	34 38 21 - 17 5	37 5 193 92 6 85 9	14 310 167 12 121 18	8 155 108 15 32 14	194 99 15 61 9	43 234 124 27 68 27	31 238 109 10 112 22	12 10 - 12 10	147 71 15 61 5 611 92
Female employed, 16 years old and over Professional, technical, and kindred workers Teachers, elementary and secondary schools Managers and administrators, except form Sales workers Clerical and kindred workers Secretaries, stenographers, and typists	53 26 36 188 52	1 07: 21: 9 2: 10: 33 9	2 46 3 19 4 23 4 43 7 14	536 105 73 20 31 157 68	141 62 37 18 220 66	93 32 10 12 226 37	40 31 4 62 184 61 202 22	147 81 14 49 294 73 206 21	148 30 25 37 261 69 262 53	25 20 5 10 58 12 59	26 29 25 257 77
Operatives, including transport Other blue-collar workers Farm workers Service workers, except private household Private household workers	15	15 15 2	8 14 17	23 117 9	35  194 18	50 - 91 9	107 9	152 27	5 163 14	12 10	98 5
INDUSTRY		2 01	763	1 350	2 719	1 587	1 505	2 337	2 379 131	496 18	1 <b>544</b> 33
Tatel empleyed, 16 years old and over	60 679 377 31 35	11 48	99 0 307 153 2 10 4 36 8 81	75 448 273 10 35 50 148	162 1 287 975 51 41 33 415	70 790 659 21 34 56 225	73 886 668 4 31 18 206	88 982 828 50 22 80 296	1 217 1 043 44 58 29 234	265 231 22  20 33	692 610 39 33 91 228 32
Finance, insurance, and real estate	76 64 139 135 49	12 28 10	22 27 99 22 199 40 12 29 12 5	42 25 28 132 240 60 42 15	47 48 50 205 234 33 64 47	32 39 54 140 33 39 20	14 49 65 68 19 32	75 52 143 294 63 60 57	38 75 241 125 29 34 51	12 8 20 45 4 17 22	37 156 81 35 34 14
CLASS OF WORKER		3 0	763	1 350	2 719	1 587	1 505	2 337	2 379 1 936	<b>496</b> 402	1 <b>544</b> 1 244
Total amplayed, 16 years old and over Privote wage and salary workers Government workers Local government workers Self-employed workers Unpaid fomily workers	241 142 89	2 2 4 3 2		1 062 256 155 25 7	2 138 380 240 166 35	1 276 203 136 98 10	1 299 107 72 99 -	1 836 310 256 163 28	260 93 157 26	67 40 27	163 67 127

Includes allocated cases, not shown separately.

Table P-3. Labor Force Characteristics of the Population: 1970—Continued

Ţ				Adja	cent tracts in	Worcester Cou	nty — Con.				
Census Tracts	Tract 7072	Tract 7073	Tract 7074	Tract 7075	Tract 7131	Tract 7141	Tract 7142	Tract 7151	Tract 7161	Tract 7162	Tract 7163
EMPLOYMENT STATUS											
Male, 16 years old and over Labor force Percent of total Civilian labor force Employed Unemployed Percent of civilian labor force	727 607 83.5 597 566 31 5.2	1 731 1 390 80.3 1 380 1 328 52 3.8	1 516 1 252 82.6 1 247 1 200 47 3.8	1 726 965 55.9 965 943 22 2.3	1 931 1 573 81.5 1 558 1 510 48 3.1	6 500 6 443 99.1 60 48 12 20.0	883 717 81,2 705 700 5	594 522 87.9 522 491 31 5.9	1 962 1 587 80.9 1 577 1 550 27 1.7	1 075 851 79.2 832 783 49 5.9	1 254 965 77.0 965 941 24 2.5
Not in labor force	120 - 33 25 62	341  41 70 230	264 - 74 40 150	761 552 106 32 71	358 46 150 43 119	57 29 28 –	166 - 72 38 56	72 25 25 22	375 20 103 86 166	224  65 52 107	289 - 48 64 177
Mele, 16 to 21 years eld  Not enrolled in school  Not high school graduates  Unemplayed or not in labor force	101 43 19 9	<b>227</b> 95 54 13	216 72 43 12	1 <b>96</b> 45 40 16	412 28 10	3 231 3 037 420	<b>98</b> 16 - -	69 14 4	316 108 32 18	157 65 22 11	153 63 25
Female, 16 years old and over Labor force Percent of total Civilian labor force Employed Unemployed Percent of civilian labor force Not in labor force	851 433 50.9 433 408 25 5.8 418	932 913 47.3 913 880 33 3.6	1 745 868 49.7 868 835 33 3.8 877	956 654 33.4 654 628 26 4.0 1 302	2 332 1 171 50.2 1 171 1 134 37 3.2 1 161	1 497 447 29.9 400 354 46 11.5 1 050	1 038 359 34.6 354 339 15 4.2 679	582 224 38.5 224 224 - 358	2 299 1 228 53.4 1 228 1 205 23 1.9 1 071	630 52.4 630 614 16 2.5 573	1 553 642 41.3 642 622 20 3.1 911
Married women, husband present In labor facce	443 204 115 25	1 072 502 254 104	1 038 492 226 52	748 377 158 73	1 247 556 406 124	1 302 338 695 134	662 205 207 42	415 156 138 33	1 269 628 362 128	668 317 196 60	795 330 260 83
OCCUPATION											1 542
Tatal employed, 16 years old and over Professional, technical, and kindred workers Health workers Teachers, elementary and secondary schools Managers and administrators, except farm Salaried Self-employed in retail trade	974 117 32 24 48 38	2 208 110 23 51 62 62	2 035 147 49 19 114 80 10	1 571 270 99 92 204 177 10	2 644 407 76 84 242 185 32	402 61 10 31 12 12	1 039 370 36 55 127 104 4	715 161 9 24 70 48 11	2 755 248 58 61 77 72	1 397 133 31 34 63 58	1 563 286 102 44 90 62
Soles workers Retal trade Clerical and kindred workers Craftsmen, foremen, and kindred workers Construction craftsmen Mechanics and repairmen Operatives, except transport Transport equipment operatives	35 20 157 92 20 13 322 54	142 93 310 297 88 42 876 69	129 95 294 343 44 30 635 62	132 85 209 186 36 12 309 22	59 25 495 390 62 74 470 30	28 21 96 9 - 142	77 17 122 101 28 21 86 35	30 17 112 99 42 17 116 18	109 73 523 489 71 75 818 45	75 55 260 243 23 53 425 32	73 52 235 256 25 43 394 25
Laborers, except farm Farm workers	27 114 52 20 36 8	104 3 235 106 44 80	65 6 240 111 24 86	41 198 106 16 76	73 14 446 219 23 148 18	13 -41 22  10	31 37 49 32 - 17	36 25 48 40 - 8	145 10 286 145 33 81 5	16 145 55 43 47 5	56 145 75 9 36 3
Female employed, 16 years old and over Professional, technical, and kindred workers Teachers, elementary and secondary schools Managers and administrators, except form Sales workers Clerical and kindred workers Secretaries, stenographers, and typists	408 61 19  24 119 35	880 66 40 6 86 263 70	835 52 9 38 71 247 45	628 122 56 18 58 168 69	1 134 157 54 11 29 404 193	354 61 31 6 28 89 27	339 123 55 8 16 102 46	224 43 11 5 9 81 28	1 205 126 46 12 60 343 159	614 84 30 4 29 191 81	622 149 39 - 30 142 50
Operatives, including transport Other blue-collar warkers Farm workers Service workers, except private household Private household workers	31 - 54	285 72 102	190 80 - 157	93 25 - 144	204 59  252 18	121 13 - 36	37 5 44 4	47 10 29	482 59 4 114 5	222 24 - 55 5	172 38 - 91 -
INDUSTRY											
Total amployed, 16 years old and over Construction Monufacturing Durable goods Transportation Communications, utilities, and sanitary services Wholesale trade Retail trade	24 443 360 15 18	2 208 106 1 290 1 135 33 26 91 232	2 035 56 1 020 813 40 29 94 348	1 571 44 574 473 11 25 104 189	2 644 140 871 345 23 36 39 317	402 5 161 60 9 9	60 343 271 18 37 58 68	715 52 268 203 22 4 21 64	2 755 167 1 543 490 6 97 12 282	1 397 43 763 266 27 29 37 165	1 563 47 818 282 16 27 20 215
Finance, insurance, and real estate	9 23 94 47 27 20	40 28 75 108 73 22 61 23	48 25 42 165 55 45 46 22	60 30 24 250 138 82 31	63 62 71 199 517 178 104 24	13 21 21 52 10 18	41 70 30 59 87 61 24	7 34 14 13 101 24 52 39	55 46 69 150 135 63 102 28	21 15 34 79 76 22 72 14	89 15 28 142 69 33 39 5
CLASS OF WORKER											
Total employed, 16 years old and over Private wage and solary workers Government workers Local government workers Self-employed workers Unpaid family workers	826 101 39 47	2 208 1 939 211 124 54 4	2 035 1 671 237 90 113	1 571 1 197 255 131 119	2 644 2 216 310 152 118	402 293 109 32	1 039 817 95 60 127	715 498 139 70 58 20	2 755 2 326 315 163 109 5	1 397 1 183 162 80 52	1 563 1 318 136 83 109

tincludes allocated cases, not shown separately.

Table P-4. Income Characteristics of the Population: 1970

				Part in Worce			Part in	Middlesex Co	T		Fitchb	urg	
Census Tracts	Tatal SMSA	Part in Middlesex County	Total	Fitchburg	Leomin- ster	Balance	Tract 3011	Tract 3021	Tract 3022	Tract 7101	Tract 7102	Tract 7103	Troct 7104
INCOME IN 1969 OF FAMILIES AND UNRELATED INDIVIDUALS													
All families Less than \$1,000 \$1,000 to \$1,090 \$2,000 to \$2,999 \$3,000 to \$3,999 \$4,000 to \$4,999 \$5,000 to \$5,999 \$4,000 to \$6,999 \$7,000 to \$7,999 \$8,000 to \$8,999 \$9,000 to \$9,999 \$10,000 to \$1,999 \$12,000 to \$14,999 \$12,000 to \$14,999 \$15,000 to \$44,999 \$25,000 to \$44,999	1 234 1 237 1 826 2 071 1 999 3 828 4 031 2 031	2 250 26 14 58 75 86 61 155 139 174 146 177 108 399 399 391 310 372 \$12 209 2 933 \$8 875 \$10 179	22 430 389 468 780 812 926 1 079 1 098 1 652 1 925 1 822 3 425 3 721 148 \$10 154 \$11 163 29 544 \$8 537 \$7 349	11 035 204 245 477 532 505 641 573 808 878 946 1 673 1 825 279 279 279 279 39 692 \$10 390	8 379 145 186 255 244 243 355 654 855 645 1 234 1 328 1 438 343 343 310 390 \$11 902	3 016 40 37 48 34 158 93 170 190 192 231 518 579 616 99 91 11 311 216 \$11 937 3 555 \$10 350 \$10 851	1 101 12 25 37 24 44 50 72 81 83 212 175 218 55 218 55 13 \$11 156 \$13 829 1 304 \$10 317 \$12 222	983 10 14 28 33 45 89 56 65 55 79 181 116 159 53 - \$10 193 \$11 290 1 203 \$9 072 \$10 047	166 4 -5 5 5 17 722 33 37 10 15 5 10 8 8  \$6 909 \$6 912 436 43 42 54 29	1 253 20 29 60 79 55 68 57 104 119 131 150 201 150 30 271 \$9 834	1 515 32 20 46 75 41 155 55 70 69 93 111 263 32 26 \$11 106 \$11 451 1 717 \$10 491 \$10 579	875 6 27 25 25 25 33 35 56 64 86 143 165 147 - \$10 524 \$10 484 1 085 \$7 285 \$9 089	778 17 11 127 48 48 48 34 30 50 34 55 161 148 80 35 \$10 50 40 50 80 80 80 80 80 80 80 80 80 80 80 80 80
Unrelated individuals Median income Mean income	7 797 \$2 452 \$3 617	683 \$2 957 \$3 491	7 114 \$2 391 \$3 629	4 487 \$2 133 \$3 340	2 088 \$2 567 \$3 953	539 \$3 833 \$4 773	203 \$2 862 \$3 507	220 \$4 424 \$4 494	260 \$2 412 \$2 631	487 \$4 373 \$4 985	202 \$2 583 \$4 033	210 \$3 250 \$3 276	100 \$3 500 \$4 096
TYPE OF INCOME IN 1969 OF FAMILIES		·	•	•	••••	·	·			1 050	1 616	875	778
All families With wage or salary income Mean wage or salary income With nonfarm self-employment income Mean nonfarm self-employment income With farm self-employment income With farm self-employment income Mean form self-employment income With Social Security income With public assistance or public welfare income Mean special sassistance or public welfare income With after income With after income Mean other income	\$10 416 2 361 \$8 774 151 \$2 740 4 988 \$1 569 1 142	2 250 2 080 \$10 358 248 \$14 773 50 \$2 587 \$1 515 62 \$1 673 861 \$1 727	22 430 20 050 \$10 422 2 113 \$8 070 101 \$2 815 4 629 \$1 573 1 080 \$1 347 8 461 \$1 816	9 816 9 816 9 694 871 88 149 37 \$3 607 2 493 \$1 608 671 \$1 436 3 913 \$1 865	8 379 7 591 986 838 \$8 986 29 \$2 519 1 640 \$1 480 328 \$1 309 3 263 \$1 800	3 016 2 643 \$11 502 404 \$6 002 35 \$2 224 496 \$1 706 81 \$764 1 285 \$1 706	1 101 986 \$10 964 169 \$18 867 36 \$2 157 188 \$1 639 57 \$1 534 421 \$1 790	983 928 \$10 371 74 \$6 331 14  161 \$1 439 5  410 \$1 721	166 166 \$6 684 5 	1 253 1 114 \$9 462 55 \$9 502 269 \$1 291 61 \$1 393 394 \$2 098	1 515 1 396 \$10 771 127 \$6 472 264 \$1 666 96 \$1 441 564 \$1 616	\$10 265 \$10 265 \$5 504 \$1 749 24 \$1 749 24 329 \$1 724	\$6 860 \$10 340 78 \$6 860 5 140 \$1 625 22 275 \$1 011
RATIO OF FAMILY INCOME TO POVERTY LEVEL		1											
Percent of families with incomes: Less than .50 of poverty level .50 to .74 .75 to .99 .00 to 1.24 1.25 to 1.49 1.50 to 1.99 2.00 to 2.99 3.00 or more	1.4 2.4 3.1	1.4 0.6 2.7 3.7 3.5 9.1 28.3 50.8	2.6 1.5 2.4 3.0 3.6 11.6 26.8 48.5	2.8 1.6 3.3 3.3 4.2 12.6 27.5 44.7	2.6 1.5 1.7 3.0 3.3 10.6 26.0 51.3	1.6 1.0 0.9 1.9 1.9 11.0 26.6 55.0	1.1 0.4 0.5 3.0 3.7 9.3 25.2 56.9	1.5 0.4 4.4 2.2 2.7 7.6 29.6 51.5	2.4 3.0 6.6 17.5 6.0 16.9 41.6 6.0	2,2 2,7 4,5 2,6 3,8 13,8 23,7 46,8	2,4 2,0 3.1 2,2 3.1 11,4 26,7 49,1	2.3 1.3 1.8 1.1 5.3 9.6 29.5 49.1	3.0 4.1 4.5 2.8 10.9 25.3 49.4
INCOME BELOW POVERTY LEVEL										117	113	47	55
Femilies  Percent of all families  Mean family income  Mean income deficit  Percent receiving public assistance income.  Mean size of family  With related children under 18 years  Mean number of related children under 18 years  Mean number of related children under 6 years  Mean number of related children under 6 years  Mean number of related children under 18 years  Mean number of related children under 18 years  With related children under 18 years  Mean number of related children under 18 years  With related children under 6 years  Percent in labor force  Mean number of related children under 6 years	1 546 6.3 \$1 774 \$1 401 18.8 3.30 831 2.78 529 1.72 526 423 2.49 233 28.8 1.75	104 4.6 \$2 440 \$1 153 14.4 3.81 67 3.16 45 1.64 29 24	1 442 6.4 \$1 726 \$1 419 19.1 3.27 764 2.75 484 1.73 497 2.51 222 27.5 1.76	847 7.7 \$1 856 \$1 294 22.2 3.26 434 2.82 305 1.81 285 2.62 1.45 2.7 1.92	489 \$1 535 \$1 603 16.0 3.29 276 2,63 162 1.63 172 129 2.22 69 44.9 1.45	106 3.5 \$1 566 \$1 569 8.5 3.23 54 2.78 17  40 34 2.79 8	22 2.0  17  18 13 	62 6.3 \$2 452 \$949 8.1 3.52 30 3.50 19 	20 12.0 20 20 20	117 9.3 \$2 019 \$996 26.5 3.09 52 2.81 47 1.87 42 30 3.17 25 -	113 7.5 \$1 911 \$1 328 23.0 3.37 83 2.35 48 1.58 44 44 2.00	\$1 670 \$1 446 12.8 3.15 20 	7.1 \$1 754 \$1 146 3.00 17  8
Femily heads Percent 65 years and over Civilian mole heads under 65 years Percent in labor force	1 <b>546</b> 29.1 530 76.4	104 9.6 36 66.7	1 <b>442</b> 30.5 494 77.1	847 31.8 296 72.0	<b>489</b> 29,4 159 87,4	106 25.5 39 74.4	 4 -	8.1 32 75.0	20 - - -	117 45,3 28 75.0	113 22.1 39 100.0	47 36,2 30 66,7	55 58.2 16
Unrelated individuals Percent of all unrelated individuals Mean income deficit Percent receiving public assistance income Percent 65 years and over	2 510 35.7 \$873 \$928 7.3 54.8	97 22.7 \$610 \$1 208 5.2 34.0	2 413 36.5 \$884 \$916 7.4 55.6	1 501 37.7 \$890 \$914 6.4 56.0	762 36.5 \$903 \$897 9.8 54.1	150 27.8 \$728 \$1 034 4.7 59.3	42 20.7 \$450 \$1 370 11.9 26.2	\$0 22.7 \$806 \$1 016 - 34.0	5 	83 17.0 \$1 186 \$601 	31.7 \$1 050 \$731  79.7	29,5 \$6,78 \$1,129 - 50.0	26.0 \$600 \$1 185 61.5
Persens  Percent of all persons  Percent receiving Social Security income  Percent 65 years and over  Percent receiving Social Security income  Related children under 18 years  Percent living with both parents	7 619 8.0 25.5 28.7 72.7 2 377 51.2	493 5.6 13.8 10.8 81.1 241 76.8	7 126 8.2 26.3 29.9 72.5 2 136 48.4	4 261 10.1 26.6 30.6 75.0 1 257 46.1	2 373 7.3 25.6 28.7 70.4 722 54,0	492 4.2 27.2 30.3 59.7 157 40.1	2.6 24.1 18.8 39 53.8	7.0 13.4 10.1 100.0 124 69.4	113 15.6 4.4 4.4 78 100.0	9.2 31.9 34.4 84.3 140 30.0	445 7.5 19.1 20.2 84.4 208 53.8	210 6.5 23.3 30.5 60.9 64 100.0	191 6.9 26.2 34.0 50.8 54 50,0
Heuseholds Percent of all households Owner occupied Mean value of unit Renter occupied Mean pross rent Percent lacking some or all plumbing facilities	2 680 10.8 658 \$15 400 2 022 \$84 10.1	125 6.3 40 \$11 000 85 \$84 8.8	2 555 11.2 618 \$15 700 1 937 \$84 10.1	1 511 13.3 255 \$15 000 1 256 \$83 6.5	878 10.3 231 \$16 900 647 \$84 16.3	166 5.8 132 \$14 700 34 \$88 10.8	23 2.3 23  -	77 9.4 17 60 \$110 6.5	25 16.0 - 25 \$21 -	130 10.3 30 \$11 700 100 \$109 4.6	158 10.2 43 \$14 100 115 \$69 1.9	62 7.7 24  38 \$89 19.4	63 9.1 32 \$15 800 31 \$63 —

1 Excludes inmates of institutions, members of the Armed Forces living in barracks, college students in dormitories, and unrelated individuals under 14 years.

Table P-4. Income Characteristics of the Population: 1970—Continued

Ţ	Data based or	1 sample, se		burg Con.	ase for der	ivea tigures	(percent,	median, etc.	and mednir		ominster			
Census Tracts	Tract 7105	Tract 7106	Tract 7107	Tract 7108	Tract 7109	Tract 7110	Tract 7111	Tract 7091	Tract 7092	Tract 7093	Tract 7094	Tract 7095	Tract 7096	Troct   7097
INCOME IN 1969 OF FAMILIES AND	7103	7100	7107	7100	- 107	7110	7	7071	7072					
UNRELATED INDIVIDUALS	1 023	2 113	392	1 305	_	943	838	208	2 177	155	1 542	1 248	392	2 037
All families Less than \$1,000 \$1,000 to \$1,999 \$2,000 to \$2,999 \$3,000 to \$3,999 \$4,000 to \$4,999 \$5,000 to \$5,999 \$6,000 to \$6,999 \$7,000 to \$7,999 \$8,000 to \$8,999 \$9,000 to \$9,999 \$12,000 to \$11,999 \$12,000 to \$14,999 \$15,000 to \$24,999 \$50,000 or \$49,999 \$50,000 or more Median income	31 30 71 50 73 89 49 80 75 74 145 152 78 22 4 \$8 513 \$9 148	43 47 79 78 125 109 134 148 168 230 341 304 225 57 57 59 459 \$9 976	16 19 29 35 59 22 62 38 16 33 31 28 4 \$7 258 \$7 605	7 10 55 96 65 95 80 119 127 71 167 156 189 14 \$8 988 \$11 164		15 32 45 16 50 68 85 93 91 130 158 67 28 6 \$9 093	17 20 20 20 30 18 16 39 35 67 87 171 152 17 152 17 15 21 17 18 18 18 18 19 19 19 19 19 19 19 19 19 19 19 19 19		58 51 65 61 96 120 164 235 288 256 460 411 447 60 5 \$9 979 \$10 794	7 5 16 13 24 7 5 14 - 18 17 29 - \$8 036 \$9 095	31 47 81 45 97 86 86 171 146 171 143 183 141 32 8 8 98 982 \$9751	18 20 11 29 10 24 28 67 137 81 160 234 294 114 21 \$12 500 \$14 364	20 11 19 10 11 50 68 45 50 75 75 21 3 \$ \$9,067 \$9,778	31 59 84 28 78 75 129 149 97 282 366 440 99 42 \$11 422 \$13 340
Families and unrelated individuals  Median income  Mean income	1 377 \$6 389 \$7 391	2 843 \$7 834 \$8 255	932 \$4 294 \$5 077	1 922 \$7 202 \$9 039	574 \$1 022 \$1 030	1 388 \$7 365 \$7 943	1 066 \$9 674 \$10 205	240 \$14 071 \$17 596	3 280 \$9 063 \$9 675	415 \$3 341 \$5 278	1 909 \$7 984 \$8 463	1 453 \$11 392 \$13 050	\$8 081 \$8 513	\$9 663 \$11 442
Unrelated individuals  Median income  Mean income	354 \$1 670 \$2 315	730 \$2 206 \$3 275	540 \$2 444 \$3 241	617 \$2 993 \$4 542	574 \$1 022 \$1 030	445 \$2 598 \$3 565	228 \$1 289 \$3 099	32 \$3 778 \$3 600	503 \$2 717 \$3 496	260 \$2 108 \$3 002	367 \$2 353 \$3 055	205 \$3 794 \$5 053	139 \$2 183 \$4 945	\$2 786 \$4 733
TYPE OF INCOME IN 1969 OF FAMILIES													800	2 057
All families With wage or salary income	1 023 879 \$8 760 52 \$12 088 275 \$1 787 111 \$1 145 334 \$1 229	2 113 1 907 \$9 010 155 \$9 875 15  473 \$1 695 115 \$1 211 742 \$1 890	392 339 \$6 994 \$6 089 	1 305 1 146 \$9 820 91 \$9 223 		943 847 \$9 577 70 \$7 404 3  255 \$1 171 62 \$1 495 302 \$1 317	\$38 732 \$10 882 130 \$8 086 10  \$1 596 8  420 \$1 919	208 189 \$16 861 44 \$15 093 4  24  131 \$1 656	2 777 2 576 \$10 363 189 \$6 637 15 537 \$1 338 94 \$1 258 818 \$1 408	155 126 \$9 703 10  52 \$1 412 11  46 \$1 395	1 542 1 385 \$9 106 128 \$8 343 5 325 \$1 496 79 \$1 561 466 \$1 596	1 248 1 136 \$13 220 183 \$7 261 5  178 \$1 622 25 \$858 648 \$1 917	392 371 \$9 006 21  79 \$1 278 19  193 \$964	\$11 792 \$11 792 \$11 442 \$11 625 100 \$1 184 \$1 625 100 \$1 184 \$2 360
RATIO OF FAMILY INCOME TO POVERTY LEVEL														
Percent of families with incomes; Less than .50 of poverty level	3.3 5.4 2.2 8.9 13.4	3.6 0.9 3.4 2.5 4.3 15.1 30.3 39.9	7.7 1.3 1.8 14.3 3.6 10.7 33.9 26.8	1.3 2.1 5.9 3.7 13.5 26.8 46.7	3 7 7 1 1 1 1 1	2.8 3.1 2.8 2.4 3.5 15.4 27.8 42.3	2.0 1.4 3.1 2.1 3.5 6.8 26.7 54.3	7.7	3.0 0.9 1.6 3.1 2.5 12.6 27.7 48.5	4.5 3.2 8.4 5.8 16.1 26.5 35.5	3.9 2.0 1.5 4.9 4.7 12.1 27.6 43.4	2.2 0.8 0.8 1.0 2.3 4.9 23.7 64.2	1.0 2.3 6.1 1.0 15.1 31.6 42.9	1.9 2.8 2.5 2.1 4.4 9.0 23.6 53.7
INCOME BELOW POVERTY LEVEL													••	,,,,
Femilies  Percent of all families  Mean family income  Mean income deficit  Percent receiving public assistance income  Mean size of family  With related children under 18 years  Mean number of related children under 18 years  With related children under 6 years  Mean number of related children under 6 years  Families with female head  With related children under 18 years  Mean number of related children under 18 years  Mean number of related children under 18 years  Mean number of related children under 18 years  Percent in labor force  Mean number of related children under 6 years	12.2 \$1 944 \$1 185 21.6 3.23 49 3.39 40 1.88 27 22 	167 7.9 \$1 880 \$1 359 31.7 3.37 117 2.67 85 1.89 101 91 2.80 2.7.1 2.12	42 10.7 \$1 189 \$1 739 28.6 2.83 17  12  12 	45 3.4 \$2 327 \$1 311 53.3 3.91 2.78 23  17 17	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	81 8.6 \$1 848 \$1 518 11.1 3.643 3.74 22  35 13	55 6.6 \$1 5242 \$1 242 2.71 9	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	154 5.5 \$1 350 \$1 657 11.0 3.09 74 2.59 54 2.07 51 35 1.80 20	12 7.7   2  2 2	114 7.4 \$1 383 \$2 134 18.4 3.92 2.98 52 1.58 44 2.34 2.34	48 3.8 \$1 677 \$1 683 12.5 3.63 31 2.48 18  9 4	3.3	148 7.2 \$1 770 \$1 236 20.9 3.05 81 2.31 38 1.24 47 41 2.37
Femily heads  Percent 65 years and over  Civilian male heads under 65 years  Percent in labor farce	35,2	167 18.0 26 100.0	23.8 15	45 28 64.3	- - - -	81 29.6 39 56.4	5: 61.0 2		154 37.7 40 85.0	12  5	114 16.7 41 90.2	25.0 27 100.0	13  	148 31.1 46 78.3
Unrelated individuals Percent of all unrelated individuals Mean income Mean income deficit Percent receiving public assistance income Percent 65 years and over	53.7 \$877 \$914 8.4	304 41.6 \$1 030 \$757 12.8 66.1	185 35.3 \$886 \$913 19.5 65.9	225 36.5 \$847 \$961 71.1	48 59.3 \$908 \$984	173 38.9 \$777 \$1 055 2.9 26.0	14 61.8 \$70 \$1 110	28.1	193 38.4 \$875 \$938 4.7 50.3	98 37.7 \$1 392 \$413 13.3 61.2	130 35.4 \$747 \$1 038 20.0 63.1	\$6 32.2 \$1 184 \$623 25.8 45.5	43.2 \$1 161 \$657 10.0 28.3	206 35.4 \$639 \$1 148 1.9 59.2
Persons Percent of all persons Percent receiving Social Security income Percent 65 years and over Percent receiving Social Security income Related children under 18 years Percent living with both parents	15.5 26.1 35.2 59.3 170	866 10.8 26.1 28.4 79.3 297 16.5	304 17.2 36.2 45.1 69.3 45 22.2	401 8.0 37.4 39.9 90.6 102 43.1	_	467 12.3 20.6 21.4 75.0 151 64.2	9. 24. 26. 83. 2	3 0.9 1 9 3	30.9 31.2 66.0 197	124 16.1 63.7 56.5 100.0	577 10.1 16.1 19.9 72.2 239 51.5	80	95 6.3 35.8 26.3 100.0	8.3 19.7 31.1 55.1 193 32.6
Households  Percent of all households  Owner occupied  Mean value of unit  Renter occupied  Mean gross rent  Percent lacking some or all plumbing facilities	23.6 - - 241 - \$73	35 \$10 600 226 \$93	187 24.1 	\$20 500 173	-	142 14.7 16 126 \$101 4.2	8. 5 \$17 30	7 1,9 0 - 0 - 9 4	10.6 68 \$15 200	98 27.0  98 \$62 42.9	167 11.3 18  149 \$103 16.2	\$18 800 16	20 5.5 4  16	220 10.5 74 \$16 200 146 \$83 12.3

\*\*Excludes inmates of institutions, members of the Armed Forces living in barracks, college students in dormitories, and unrelated individuals under 14 years.

Table P-4. Income Characteristics of the Population: 1970—Continued

η Γ	Data based on s Balance of Si		ext. For minimum base t	or derived tigu	ires (percent,			rcester County			
Census Tracts	Worcester C Tract 7081	Tract	Middlesex County  Tract 3001	Tract 7001	Troct 7011	Tract 7021	Tract 7031	Tract 7041	Tract 7051	Tract 7061	Tract 7071
INCOME IN 1969 OF FAMILIES AND	7001	7121									
UNRELATED INDIVIDUALS  All families	1 125	1 891	552	886	1 675	1 076	951 11	1 528 19	1 321 29	<b>368</b> 5	<b>953</b> 36
Less than \$1,000 \$1,000 to \$1,999 \$2,000 to \$2,999	6 6 33	34 31 15	19 6 6	5 14 28	33 43 48	20 44 20	5 37 54	15 43 46	35 27 43	13 25	36 10 35 20 36
\$3,000 to \$3,999 \$4,000 to \$4,999 \$5,000 to \$5,999	19 64 22	15 94 71	12 35 28	38 27 37 52	84 42 76	36 92 44	61 62 61	67 116 133	45 54 86	15 48 18	35 49
\$6,000 to \$6,999 \$7,000 to \$7,999 \$8,000 to \$8,999	58 63 67	112 127 125	39   40   61	83 66	107 147 204	49 128 99	68 104 45	95 121 144	126 98 174	25 28 10	43 106 80
\$9,000 to \$9,999 \$10,000 to \$11,999 \$12,000 to \$14,999	89 210 205	142 308 374	49 107 76	68 157 133	192 264 229 155	126 217 160	166 168 101	247 243 200	192 231 160	86 63 23	137 141 210 15
\$15,000 to \$24,999 \$25,000 to \$49,999 \$50,000 or more	243 40	373 59 11	69 5	138 34 6	39 12 \$9 279	\$10 095	8 - \$9 278	31 8 \$9 757	21 \$9 675	\$9 700	\$10 387 \$10 968
Medion income	\$11 290 \$11 853	\$11 166 \$11 987	\$9 612 \$10 060	\$10 318 \$11 329	\$10 221 2 121	\$11 234 1 342	\$9 774 1 405	\$10 451 2 056	\$10 277 1 641	\$9 654	1 129
Families and unrelated individuals	1 355 \$10 350 \$10 600	2 200 \$10 316 \$11 006	613 \$9 173 \$9 399	1 070 \$9 152 \$9 957	\$8 354 \$8 876	\$8 901 \$9 871	\$7 596 \$8 088 454	\$8 157 \$8 635 528	\$8 745 \$9 082 320	\$8 851 \$9 253	\$9 331 \$9 887
Unrelated individuals Median income Mean income	230 \$3 926 \$4 472	309 \$3 750 \$4 997	61 \$1 735 \$3 417	184 \$2 333 \$3 347	446 \$2 830 \$3 822	266 \$3 286 \$4 358	\$3 608 \$4 555	\$1 927 \$3 382	\$4 444 \$4 151	\$5 300 \$5 264	\$3 158 \$4 034
TYPE OF INCOME IN 1969 OF FAMILIES			552	886	1 675	1 076	951	1 528	1 <b>321</b> 1 187	368 319	953 818
All families With wage or salary income Mean wage or salary income	<b>S</b> 11 527	1 891   1 654 \$11 487	462 \$9 600 76	816 \$10 494 64	1 578 \$8 802 198	967 \$10 324 94	843 \$9 022 90	1 350 \$9 565 191 \$6 489	\$9 476 166 \$7 705	\$9 280 41 \$4 757	\$10 651 118 \$6 170
With nonform self-employment income Mean nonform self-employment income With form self-employment income	\$4 963 10	277 \$6 478 25	\$5 707 20	\$7 598 6	\$7 948 14	\$6 124 9	\$6 860 6	56 5684 368	13 295	99	195
Mean farm self-emplayment income	1 205	\$2 502 291 \$1 774 57	137 \$1 619	219 \$1 463 74	323 \$1 577 107	249 \$1 855 36	232 \$1 528 112	\$1 584 42 \$740	\$1 407 40 \$1 130	\$1 779 11	\$1 603
Mean public assistance or public welfare income  Mean public assistance or public welfare income  Wish other income  Mean other income	519	\$838 766 \$1 629	270 \$1 508	\$803 320 \$1 907	\$1 152 576 \$1 748	\$1 533 506 \$1 890	\$1 525 423 \$1 302	610 \$1 908	452 \$1 193	118 \$1 645	403 \$1 621
RATIO OF FAMILY INCOME TO POVERTY LEVEL <sup>1</sup>											2.0
Percent of families with incomes: Less than .50 of poverty level	. 0.9	2.3 1.1	3.4 1.1	1.7 0.5 1.1	3.7 1,9 2.9	0.5 1.6 5.1	1.2 0.8 3.6	1.4 1.7 1.2	2.5 2.6 1.7	1.4 3.5 4.9 9.8	3.8 1.0 1.5 3.3
.75 to .99 1.00 to 1.24 1.25 to 1.49	2.3	0.8 1.6 2.5		4.9 4.3 10.3	4.8 3.6 9.8	3.3 2.6 11.3	3.3 6.7 14.5	4.6 6.0 15.1	3.8 3.0 10.8 32.0	4.1 4.1 36.7	3.6 10.3 21.1
1.50 to 1.99	. 22.5	9.5 29.0 53.1		33.7 43.6	30.0 43.3	23.2 52.4	20.5 49.4	22.6 47.4	43.5	35.6	55.5
INCOME BELOW POVERTY LEVEL			30	29	142	77	53	66	90 6.8	36 9.8	<b>60</b> 6.3
Percent of all families  Mean family income	_ \$1 887	79 4.2 \$1 456	5.4 \$452	3.3 \$2 126 \$1 303	8.5 \$2 300 \$1 951	7.2 \$3 296 \$708	5.6 \$2 783 \$1 299	4.3 \$2 225 \$2 156	\$1 659 \$1 567 11.1	\$1 719 \$897	\$866 \$2 058
Mean income deficit Percent receiving public assistance income Mean size of family	14.8	\$1 725 6.3 3.32 41	1	31.0 3.55 15	28.9 5.35 106	18.2 4.44 48	62.3 4.66 43	7.6 5.26 48 4.67	3.28 49 2.45	2.56	2.93 24
With related children under 18 years Mean number of related children under 18 years _ With related children under 6 years	:  ''-	2.90 17	9		4.81 80 2.15	3.90 37 2.43	3.72 30 1.53 31	1.07 1.17	25 2.56 36	- - 6	14 18
Mean number of related children under 6 years Families with female head With related children under 18 years Mean number of related children under 18 years	- 13 13	27 21	5	10 10	50 50 4.76	17 11 	31 3.87 26	iż 	31 1.87 13	- - -,	 8
With related children under 6 years Percent in labor force Mean number of related children under 6 years	_1 -		] =	 -	37 10.8 2.19		19.2 1.62	-	***	-	
Femily headsPercent 65 years and over	27	79 34.2	30 20.0	29 48.3 5	142 13.4 73	77 20.8 47	53 15.1 14	66 18.2 37	90 32.2 35	36 75.0 9	33.3 22
Civilian male heads under 65 years Percent in labor force	14	100.0		77	100.0	78.7 <b>87</b>	140	78.4 262	82.9 72	- 9 24.3	57 32.4
Variated individuals Percent of all unrelated individuals Mean income	29.6 \$630	26.3 \$809 \$1 000	49.2 \$825	41.8 \$525 \$1 259	27.1 \$925 \$838	32.7 \$946 \$894	30.8 \$1 088 \$704	49.6 \$794 \$966 1.9	22.5 \$854 \$967	24.3	\$560 \$1 210 8.8
Mean income deficit Percent receiving public assistance income Percent 65 years and over	10.3	52.4		59.7	10.7 86.0	18.4 49.4	12.9 72.9	76.7 609	65.3 367		77.2 233
Persons Percent of all persons	3.5	34- 4,- 23,-	5 7.5 3 11.1	180 5.2 22.2	881 13.6 16.3	<b>429</b> 10.7 22.1	387 10.3 28.2 30.0	9.8 32.5 36.9	6.7 20.2 25.6	7.2 66.3 53.5	6.9 23.2 35.6
Percent receiving Social Security income  Percent 65 years and over  Percent receiving Social Security income  Related children under 18 years	35.1 55.8	28. 61. 13	17.9 62.1 3	40.0 55.6 40	16.6 82.2 445	17.2 79.7 155 87.7	81.0 178 20.2	80.0 230 82,2	72.3 124 58.1	100.0 17	53.0 76 39.5
Percent living with both parents	-	47.	80.0	22.5 80	49.0 216	97.7 93 8.9	136 12.3	155	101 8.3	<b>33</b> 12.6	98 10.4
Percent of all households Owner occupied Mean value of unit	4.5 35 \$12 000	6. 9 \$15 70	5 7.2 7 23 0	\$13 500	13.5 80 <b>\$7</b> 200 136	59 800 59 87	36 \$9 200 100	79 \$10 000 76	\$13 800 30	25 \$11 400 8	56 \$15 300 42 \$74
Renter occupied  Mean gross rent Percent lacking some or all plumbing facilities	11		. =		\$82 12.5	\$61 21.5	\$76 12.5	\$76 6.5	\$47 23.8	24.2	\$76 15.3

<sup>\*</sup>Excludes inmates of institutions, members of the Armed Forces living in barracks, callege students in dormitories, and unrelated individuals under 14 years.

Table P-4. Income Characteristics of the Population: 1970—Continued

	ata based on san	ipie, see rexi.	TO Maninon		jacent tracts in			.g or 0,1112001			
Census Tracts	Tract 7072	Tract 7073	Tract 7074	Tract 7075	Tract 7131	Tract 7141	Tract 7142	Tract 7151	Tract 7161	Tract 7162	Tract 7163
INCOME IN 1969 OF FAMILIES AND UNRELATED INDIVIDUALS											
All families Less than \$1,000 \$1,000 to \$1,999 \$2,000 to \$2,999 \$3,000 to \$3,999 \$4,000 to \$4,999 \$5,000 to \$5,999 \$6,000 to \$5,999 \$7,000 to \$7,999 \$8,000 to \$8,999 \$1,000 to \$1,999 \$1,000 to \$1,999 \$10,000 to \$1,999 \$12,000 to \$1,999 \$12,000 to \$14,999 \$15,000 to \$49,999 \$25,000 or more Median income Median income Mean income Mean income  Families and unrelated individuals  Median income  Median income  Median income  Median income	566 12 13 28 11 15 45 45 47 44 66 77 106 53 5 5 5 49 611	1 232 10 26 83 66 66 81 79 127 118 81 156 134 170 170 15 \$9 463 1 871 \$6 601 \$7 484	1 221 23 5 41 37 52 29 116 113 151 252 192 115 33 5 \$9 91 \$10 559	896 5 16 21 10 14 22 43 46 71 66 130 164 184 93 11 \$12 073 \$14 600 1 288 \$9 536 \$11 486	1 404 19 9 46 52 64 77 86 74 108 59 210 288 256 47 9 \$11 029 \$11 648 2 191 \$6 932 \$8 268	1 354 13 4 30 49 92 182 159 187 150 135 167 69 93 24 - \$7 791 \$8 633 6 485 \$3 033 \$4 106	719 9 9 - 4 17 47 10 7 103 110 240 110 26 \$15 668 \$18 884	447 5 16 10 14 9 21 22 18 48 41 108 95 34 45 541 \$11 \$25 \$45 \$12 \$542 \$13 \$68 \$541 \$11 \$27 \$27 \$28 \$34 \$45 \$45 \$45 \$45 \$45 \$45 \$45 \$4	1 569 19 18 30 33 45 72 109 107 147 146 207 309 301 26 \$10 565 \$11 201 1 865 \$9 521 \$10 052	866 50 24 41 22 45 27 57 58 59 177 187 114 30 510 847 \$10 962 1 107 \$9 398 \$9 436	915 9 44 42 27 65 69 82 66 65 122 154 133 37 \$9 823 \$10 710 1 401 \$7 266 \$8 667 486
Unrelated individuals	275 \$3 232 \$3 753	639 \$3 094 \$3 667	327 \$3 609 \$3 768	392 \$3 750 \$4 367	787 \$1 393 \$2 238	5 131 \$2 544 \$2 911	188 \$1 650 \$4 330	\$5 882 \$7 442	\$2 949 \$3 963	\$4 018 \$3 952	\$3 000 \$4 820
TYPE OF INCOME IN 1969 OF FAMILIES	*	,		***	,	1 444	714	*47	1 569	866	915
All families With wage or salary income Mean wage or salary income With nonform self-employment income Mean nonform self-employment income With farm self-employment income Mean form self-employment income With Social Security income Mean Social Security income With public assistance or public welfare income Mean public assistance or public welfare income With or income With or income With or income With or income With other income	566 513 \$8 776 58 \$5 179 5  133 \$1 683 46 \$682 214 \$1 693	1 232 1 117 \$9 232 72 \$3 965 5  323 \$1 553 80 \$1 767 476 \$862	1 221 1 109 \$9 930 119 \$7 273 	896 773 \$12 226 136 \$17 180 12  145 \$1 657 38 \$972 451 \$2 243	1 404 1 265 \$10 801 1 58 \$7 186 24  244 \$1 411 46 \$1 255 552 \$1 972	1 354 1 338 \$8 280 23  5  42 \$1 221 17  484 \$800	719 582 \$15 582 \$12 758 \$30 \$2 475 111 \$1 533 21  385 \$3 394	\$11 920 \$11 920 69 \$7 070 41 \$1 111 60 \$1 753 17  203 \$3 250	1 367 1 420 \$10 732 108 \$5 422 15 328 \$1 427 109 \$1 422 666 \$1 453	\$06 \$10 282 65 \$4 435 	\$10 024 108 \$8 094 10 10 221 \$1 836 43 \$931 349 \$1 580
RATIO OF FAMILY INCOME TO POVERTY LEVEL											
Percent of families with Incomes: Less than .50 of poverty level .50 to .74 .75 to .99 1.00 to 1.24 1.25 to 1.49 1.50 to 1.99 2.00 to 2.99 3.00 or more	5.3 3.2 3.7 3.4 11.3 26.0 47.2	2.4 2.1 2.7 6.1 4.3 13.7 27.7 41.0	1.9 2.0 2.2 4.3 9.0 30.1 50.5	1.2 0.7 2.2 1.2 2.0 8.7 24.0 59.9	1.7 2.1 1.8 2.8 2.5 10.4 25.9 52.7	1.0 2.1 0.8 8.0 10.3 23.9 29.6 24.4	1.9 0.6 1.1 1.3 4.2 12.9 78.0	1.1 1.8 2.0 2.9 8.1 24.2 60.0	2.0 0.8 2.6 2.0 2.9 10.8 26.9 51.9	2.3 1.8 3.5 3.0 7.9 28.5 53.0	1.0 3.4 1.9 6.9 10.2 22.7 54.0
INCOME BELOW POVERTY LEVEL											ام
Percent of all families  Percent of all families  Mean family income  Mean income deficit  Percent receiving public assistance income  Mean size of family  With related children under 18 years  Mean number of related children under 18 years  With related children under 6 years  Mean number of related children under 6 years  Families with female head  With related children under 18 years  Mean number of related children under 18 years  With related children under 6 years  Percent in labor force  Mean number of related children under 6 years	48 8.5 \$1 836 \$1 885 35.4 4.15 37 3.14 15  27 2.81	\$9 7.2 \$2 233 \$1 160 31.5 3.43 64 2.16 43 1.65 31 1.65	48 3.9 \$1 276 \$1 499 2.67 17  7	37 4.1 \$1 511 \$1 029 16.2 2.32 11  15 11	79 5.6 \$2 080 \$1 607 10.1 4.09 60 3.07 34 2.53 44 4.64 18	53 3.9 \$2 404 \$1 648 13.2 4.47 49 2.78 26 2.23 11 	26 3.6 \$1 594 \$1 898 46.2 5.00 18  8 8 	13 2.9  13  8 8	86 5.5 \$2 573 \$1 421 29.1 4.53 60 3.70 40 2.20 40 2.5 3.60	36 4.2 \$1 839 \$2 119 4.22 25 2.40 10 5	44 \$2 494 \$449 \$2.5 2.98 16 11
Femily heeds Percent 65 years and over Civilian male heads under 65 years Percent in labor force	48 15	89 32.6 36 66.7	48 41.7 21	37 45.9 5	79 10.1 27 59.3	53 5	26 30.8 10	13 - - 5	86 30.2 35 88.6	36 16.7 10	40 60.0 10
Unreleted individuals  Percent of all unrelated individuals  Mean income Mean income deficit  Percent receiving public assistance income Percent of years and over	98 35.6 \$1 052 \$768 5.1 35.7	199 31.1 \$1 124 \$697 18.1 45.2	95 29.1 \$1 046 \$718 5.3 83.2	103 26.3 \$783 \$1 026 7.8 49.5	166 42.7 \$700 \$1 083 3.6 36.1	21 25.3 	101 53.7 \$265 \$1 561 	25 26.6 \$508 \$1 245 — 36,0	37.5 \$1 165 \$606 - 84.7	52 21.6 \$565 \$1 262 50.0	123 25.3 \$1 130 \$696 4.9 37.4
Persons  Percent of all persons  Percent receiving Social Security income  Percent 65 years and over  Percent receiving Social Security income  Related children under 18 years  Percent living with both parents	297 13.3 17.5 13.1 92.3 124 29.0	504 10.4 35.7 28.0 95.0 142 50.0	223 4.9 50.2 50.2 91.1 34 61.8	189 5.3 42.9 47.1 77.5 31	489 9.1 14.1 13.9 79.4 161 35.4	258 4.8 1.9 — 136 77.9	231 7.8 8.7 11.7 59.3 97 43.3	79 4,3 11.4 11.4  39 53.8	501 8.0 22.4 27.1 82.4 230 56.7	204 6.2 12.7 18.6 57.9 49 87.8	242 6.6 42.6 36.4 89.8 36 83.3
Percent of all households  Percent of all households  Owner accupied  Mean value of unit  Renter accupied  Mean gross rent  Percent lacking some or all plumbing facilities	15.9 14  76 \$76	209 14.7 25 \$12 600 184 \$74 34.9	110 9.1 42 \$10 800 68 \$64 18.2	99 9.9 35 \$20 600 64 \$67 3.0	144 9.8 50 \$13 400 94 \$69 9.7	53 3.9  53 \$60	48 7.2 29 \$16 900 19	30 7.7 26 \$22 700 4 	145 9.3 59 \$16 700 86 \$61	\$13 100 16	115 10.0 17 98 \$59 5.2

<sup>1</sup> Excludes inmates of institutions, members of the Armed Forces living in barracks, college students in dormitories, and unrelated individuals under 14 years.

Table P-5. General and Social Characteristics of the Negro Population: 1970

נם	ata based on sample, s	ee text. For minimum	base for derived figures	s (percent, median, et	c.) and meaning of symbo	ols, see text]	Adjocent tract in Worce	ster
Census Tracts With				Part in Worceste	r County		County	
400 or More Negro Population	Total SMSA	Part in Middlesex County	Total	Fitchburg	Leominster	Balance		Troct 7141
AGE BY SEX					£9	4		699
Male, all ages	<b>450</b> 35	166 21	<b>284</b> 14	<b>227</b> 14	53	=		40 33
3 and 4 years	18 78	7 20	11 58	11 58	-	_	:	45 17
5 to 9 years	21	14	21 8	21 8	_	_		11   32
6 years 10 to 14 years	22 65	17	48 18	34 18	14	_		-
14 years 15 to 19 years	24 38	19	19	19	_	-		89
15 years	7	7		= =	-	_		6
16 years	15	12	3 8	3 8		_		17 59
18 years	8	18	8 18	8 14		4		273 66
20 to 24 years	36 15	6	9	5 4	-	4		112
21 years 25 to 34 years	4 49	15	34	18 29	16 5	_		124 86
35 to 44 years	73 57	39 17	34 40	26	14	_		10
55 to 59 years	6	-1	6 9	6 9	<del></del>			-
65 to 74 years	4	-	4 -		4 -	=		-
75 years and over	-	-	229	195	34	_		340
Female, all agesUnder 5 years	<b>309</b> 36	80 19	17	17 12	<del>-</del>	=		40 25
3 and 4 years 5 to 9 years	19 43	7 -	12 43	38	. 5	-		25 86 10
5 years6 years	10	_[	10	10	-	-	•	25 44
10 to 14 years	46	4	42 2	42 2	=	-	- ]	11 27
14 years	30	8	22	22	-	-	.]	5 11
16 years	-	] [	<del>-</del>	<del>-</del>	<del>-</del> -	-	-	-
17 years	6 16	8	8	8 8	- -	-	-	5
19 years 20 to 24 years	8 35	14		21	-	-	-	34
20 years	3		3 -	3 -	-	-	-	65
21 years 25 to 34 years	47	30 5	17 27	14 22	3 5	-	-	44
35 to 44 years	32 6	] -	6 9	9	<u>6</u>		-	-
55 to 59 years60 to 64 years	9 -	_		10	<del>-</del>	,	-	-
65 to 74 years 75 years and over	14 11	] [	14 11	-	11		-	,
RELATIONSHIP TO HEAD OF HOUSEHOLD	<u>.</u>				0.7		4	1 039
All persons	759	246 210	513 474	<b>422</b> 383	<b>87</b> 87		4	654 172
In households Head of household	684 245	80	165 122	115 83	50 39		-	172
Head of family Primary individual	192 53	10	43 62	32 49	11 13		-	143
Wife of headOther relative of head	89 346		243	219	24		4	339
Not related to headin group quartersin	4 75	36	39	39	1,74			385 3.80
Persons per household	2.79	2.63	2.87	3.33	1,/~			
TYPE OF HOUSEHOLD	245	80	165	115	50		-	172
Male primary individual	18		18 25	18 14	11		-	172
Female primary individualHusband-wife households	152	63	89 17	53 14	36 3		_	-
Households with other male headHouseholds with female head	24	'	. 16	16	-		-	_
SCHOOL ENROLLMENT		-					4	294
Persons, 16 to 21 years old	90	33	<b>57</b>	<b>53</b>	_		=1	260 100
Not attending school Not high school graduates	25 11 12.3		11 19.3	11 20.8	-		-	34.0
YEARS OF SCHOOL COMPLETED	12.4							
Persons, 25 years old and over	313		211 8	143 8	68		=	329
No school years completedElementary: 3 to 4 years	1	-	, , , , , , , , , , , , , , , , , , ,	4	3 20			6
5 to 7 years	34	1 13	. 28	28 48	19			65
High school: 1 to 3 years	. 70	8 11 3 71.	67 52	26	26		_	205 44
College: 1 to 3 years	2		15 -	15			-	12.4
4 years or more	.] 11.		10.3 31.8	10.1 28.7	10.7 38.2		-	75.7
RESIDENCE IN 1965					: an		4	958
Persons, 5 years eld and over, 1970' Some house as in 1970	. 67 19		522 164	419 107	<b>99</b> 57		-	
Different house: In central city of this SMSA	. 17		154 33	134 33	20 .		_	
In other part of this SMSAOutside this SMSA	12	4 45	79	72 48	7 7		_	646 269
North and West	- 1 10	4 -	55 24 51	24 51	<u>:</u>		=	377 146
Abrood	5	1	51					

\*Includes "Moved, 1965 residence not reported."

Table P-6. Economic Characteristics of the Negro Population: 1970

Census Tracts With	(Data based on sample,			Part in Worcest			Adjacent tract in Worcester County
400 or More Negro Population	Tatal SMSA	Part in Middlesex County	Total	Fitchburg	Leominster	Balance	Troct 7141
EMPLOYMENT STATUS AND OCCUPATION Male, 16 years old and over	272	108	164	121	39	4	575
Labor forceCivilian labor force	224 173	96 45	128 128	94 94	30 30	4	571 22
EmployedUnemployed	163 10	45   -	118 10	84 10	30	4 -	16 6
Not in labor forceFamale, 16 years old and over	48	12	36	27	9	-	41
Labor force	184 89	57 37	1 <b>27</b> 52	<b>98</b> 47	<b>29</b> 5	-	165 83
Civilian labor forceEmployed	77   77	25 25	52 52	47 47	5 5	-	83 78 73
UnemployedNot in labor force	- 95	20	75	51	24	-	5 82
Married women in labor force, husband present	47 23	15 10 l	32 13	32 13	-		67 34
Total employed, 16 years old and over	240	70	170	131	35	4	89
Professional, technical, and kindred workers  Managers and administrators, except form	4 6	4	-	-	- 6	-	5
Sales workersClerical and kindred workers	. 8 11	- 6	8 5	8	- 5	=	
Craftsmen, foremen, and kindred workers Operatives, except transport	25 93	7 27	18 66	13 61	5 5	=	5 45
Transport equipment operativesLaborers, except farm	22 27	7	15	4	11	_	, i
Form workers	_	14	13	13	-	_	-
Service workers, except private household Private household workers	44	5 -	39	32	3 -	4	]
Female emplayed, 16 years old and over Professional, technical, and kindred workers	77	25	52	47	5	-	73 5
Managers and administrators, except farm				-	<del>-</del> -	=	;
Sales workersClerical and kindred workers	[i			-		_	20
Operatives, including transport	48 4	20	28	23 4	5	-	29 13
Farm workers Service workers, except private household	_ 25	- 5	20	20	-	-	<u>-</u>
Private household workers	]	-	~	-	-		-
FAMILY INCOME IN 1969							172
All families	192	70	122	83	36	_	9
\$1,000 to \$1,999 \$2,000 to \$2,999	5 -		5	5	-	-	5
\$3,000 to \$3,999 \$4,000 to \$4,999	23	=	23	19	4	-	-
\$5,000 to \$5,999 \$6,000 to \$6,999	11		11	- 5 9	6	-	23 14
\$7,000 to \$7,999 \$8,000 to \$8,999	25	19	6	6	-	-	43 15
\$9,000 to \$9,999	12 21	4	12 17	2 12	10 5	-	14 45
\$10,000 or more Median income: Families Families and unrelated individuals	78 \$9 143 \$5 844	39 \$10 444	39 \$8 583	25 \$7 583	14 \$8 950		\$7 721 \$2 934
RATIO OF FAMILY INCOME TO POVERTY LEVEL!	\$5 644	\$7 342	\$4 800	\$3 840	\$8 400	***	, <b>4</b> 2 704
Percent of families with incomes:							.,
Less than .50 of poverty level50 to .74		_	4.1	6,0	<del>-</del> -	-	5.2 2.3
.75 to .99	3.6	_	5.7	8.4	_	-	2.9
1.25 to 1.49 1.50 to 1.99	4.2 18.8	_	6,6 29,5	9.6 31.3	25.6	_	17.4 20.3
2.00 or more	70.8	100.0	54.1	44.6	74.4	-	51.7
INCOME BELOW POVERTY LEVEL!	,,						 
Percent of all families	12 6.3	=	12 9.8	12 14.5	-	-	7.6
Mean family income Mean income deficit		[ =	:::	•••	_	-	,,,
Percent receiving public assistance income  Mean size of family	1	[ =		***	=		
With related children under 18 years Mean number of related children under 18 years	7	[ =	7	7	-		
With related children under 6 years Mean number of related children under 6 years	7	_	7	";	-	-	5
Families with female head	7	-	7 7	 7	-		-
Mean number of related children under 18 years With related children under 6 years	.1	] =	];	7		-	]
Percent in labor force  Mean number of related children under 6 years	-	=		-	=	-	-
Family heads	12	] =	12	12	-	-	13
Percent 65 years and over Civilian male heads under 65 years	. 5	] =	5	- 5	<u> </u>	_	Š
Percent in labor force	.1 24	] =	24		11	4	-
Percent of all unrelated individuals Mean income	42.1	} =	51.1	28.1	•••	•••	
Mean income deficit Percent receiving public assistance income		]		•••	:: <u>-</u>		-
Percent 65 years and overPersons	.1	] =	69	 54	- '::		40
Percent of all persons	.] 10.1	] =	14.6	34 14.1	11 12.6		6.1
Percent receiving Social Security Income Percent 65 years and over	. 1 15.9	[ =	15.9 15.9	-	•••	-	
Percent receiving Social Security income Related children under 18 years	.] 62		30	30	··· <u>·</u>	_	1
Percent living with both parents	.   27	100.0	27	21	- 6	_	ji
Percent of oil households Owner occupied	12.6	] =	18.2	19.1	15.8	-	7.6
Mean value of unitRenter occupied	.1 _	;} =	27	21		_	13
mean gross rent	. [ \$97	] =	\$97 33,3	***		_	
Percent lacking some or all plumbing facilities	33.3	·	L33,3	•••		-	i

Excludes inmates of institutions, members of the Armed Forces living in barrocks, callege students in dormitories, and unrelated individuals under 14 years.

Table P-7. General and Social Characteristics of Persons of Spanish Language: 1970

ensus Tracts With			ase for derived figures (per	Part in Worcester			Adjacent tract in Worcester County
100 or More Persons of Spanish Language	Total SMSA	Part in Middlesex County	Total	Fitchburg	Leominster	Balance	Trac <b>t</b> 7141
BE BY SEX		85	447	62	<b>345</b> 65	40	<b>324</b> 47
Male, all ages	532 109	32	77 44	12 6	38	7	23 52
and 4 years	50	6	78	22	49 23	<u>′</u> 1	17
o 9 years	78 28	-	28	5 6	4	.=1	21
yeors	10	-	10 58	-	43	15	_
to 14 years	58 5	<u> </u>	5	7	25	-1	59
4 years	44	12	32 6	<u>'</u>	6	-	7
5 years	6		-	-	-	=1	_
6 years7 years	_	-	-	-	_	-	22 30
8 years		12	26	7	19 47		6:
9 yearsto 24 years	38   85	31	54	7	22	-1	2
10 years	28	.6	22	_	-	6	5
1 years	12 68	12	63	9 5	48 53	-i	15
to 34 years	58	-1	58 14	-	8	6	
to 54 years	19	5	'7	-	7	-1	
to 59 yearsto 64 years	<u>-</u>	_		-	_	6]	
to 74 years	6	-	6 -	_	-	- 1	
years and over	~	-	447	33	289	25	21 2
Female, all ages	420	73	<b>347</b> 64	5	59 8	_1	1
der 5 years	64 8	<u> </u>	8	-	54	-	6
3 and 4 years o 9 years	54	-	54	-	_	<b>-</b>	1
5 years	31		31	-	31 25	-	. 1
5 years to 14 years	43	18	25 9	_	9	12	,
14 years	9	13	55	-	43 13	-	
to 19 years	68 13	15	13	_	5	12	
15 years 16 years	17	-	17 7	_	7	_	'
17 years	7 25	13	12	-	12 6	-	
18 years19 years	16	-1	6 48	7	. 41	_	
to 24 years	69	21	_	7	- 8	_	
20 years21 years	29	14	15	7	41	10	,
to 34 years	55	7	48 33	6	14 6	13	
to 44 years	40	1 4	6	_	6	_	
i to 54 years	6	-	6 8	8	-	_	
to 64 years	. l	7	-	-		-	
to 74 yearsi years and over	1 -		-	-			
ELATIONSHIP TO HEAD OF HOUSEHOLD			794	95	634	65 65	
All persons	952		786	95	626 148	12	
households		.1 371	189	29 21	141	12	: [
Head of householdHead of family	211	37	174 15	8	7 126	13	
Primary individual	- 1	1 42	159	20 46	337	34	i
Wife of headOther relative of head	485	68	417 21		15	6	<u>.</u>
Not related to head	-[ 2,		8	-	8 4,23		. 5
group quartersersons per householdersons	4.13	207	4.16	•••	4,20		
	<sup>-</sup>						
PE OF HOUSEHOLD				29	148	1:	2
All households		37	1 <b>89</b> 7	-	7	-	_
lole primary individual	-1	[]	8	8 21	127	1:	2
male primary individualusband-wife households	-   - , , ,		160 8	21 -	8		_
ouseholds with other male head	-1 '	3 5	Š Š	-	6	·	
ouseholds with female head	<b>-</b>   '	1					
CHOOL ENROLLMENT	ļ				79	1	2
Persons, 16 to 21 years old	16	2 57	105 81	14 7	74	•	-
of attending school	12	7 46		-	74 93.7		_
Not high school graduates	-ا ۔۔	٠,		-	73.7		
Percent of total	-						
EARS OF SCHOOL COMPLETED			1	35	183	3	ոլ
Persons, 25 years old and over	28		249 25	35 	19		6
to school years completed	1 2	5 7	21	=	21 49		6
lementary: 1 to 4 years 5 to 7 years	·-  <del>2</del>	ž	62	7 8	7		6
8 years	2	11 -	21 36	<u>.</u>	23 39		13
ligh school: 1 to 3 years4 years		16 12	1 39	15	7		-
College: 1 to 3 years	2	27 5	22 23	5	18		-
4 years or more	1	,	8.8	13.5 57.1	8.4 35.0	•	-
Wedian school years completedPercent high school graduates	1		33.7	37.1			
RESIDENCE IN 1965				_	PIA		65
Persons, 5 years old and over, 19701	7	79 126 36 -	<b>653</b> 136	. <b>78</b> 8	510 104		24
Some house as in 1970	[		1	27	131		24
Different house: In central city of this SMSA		32	182 50	7	37		6
In other part of this SMSA		55	[] 6	• -	6 6		-1
				-			_1
Outside this SMSANorth and West		07 101		14	180		

\*Includes "Maved, 1965 residence not reported."

Table P-8. Economic Characteristics of Persons of Spanish Language: 1970

Census Tracts With			base for derived figures	Part in Worces			Adjacent tract in Worcester County
400 or More Persons of Spanish Language	Total SMSA	Part in Middlesex County	Total	Fitchburg	Leominster	Bolance	Troct 7141
EMPLOYMENT STATUS AND OCCUPATION Mele, 16 years old and over Labor force	281 25)	<b>53</b> 48	228 203	<b>28</b> 21	<b>182</b> 170	1 <b>8</b>   12	197 197
Civilian labor force	208 201	48 5 5	203 196	21 21	170 163	12 ( 12 )	-
UnemployedNot in labor force	7 30	5	7 25	7	7 12	6	-
Female, 16 years old and over		55 14	191 53	28 7	1 <b>38</b> 46	25	95 ) 33
Civilian labor farce	67	14 14	53 53	7 7	46 46	-	33   33   33
UnemployedNot in labor force	<b>!</b> - (	41	138	21	92	25	62
Morried women in labor force, husband present With own children under 6 years	61	14	47 13	7	40 13	-	25
Total employed, 16 years old and over	268	19	249	28	<b>209</b> 30	12	33
Professional, technical, and kindred workers  Managers and administrators, except form  Sales workers	.] 6	5	35 6	5	6		
Clerical and kindred workers	.] 7	-	7 33		7 27	- 1	7
Operatives, except transport Transport equipment operatives	156	7	149	23	126	=	20
Laborers, except farm	6		6	-	=	6	-
Service workers, except private household Private household workers	. 13 1		13	-	13		_
Female emplayed, 16 years old and over	67	14	53	7	46	-	33 6
Professional, technical, and kindred workers  Managers and administrators, except farm	.[	-	12	<u>.</u>	12	-	-
Sales workersClerical and kindred workers	.  -	7	- 	=	- -	-1	7 20
Operatives, including transport	.l -	7	41	7	34	-	-
Farm workers	.l ~	-	-	-	=	-1	_
Private household workers	-	_	_	•••	-	- 1	
FAMILY INCOME IN 1969 All families	. 211	37	174	21	141 6	12	84
Less than \$1,000	.  8		8		8	=	. 9
\$2,000 to \$2,999 \$3,000 to \$3,999	.l 7	7			-	<u> </u>	15
\$4,000 to \$4,999 \$5,000 to \$5,999	_[ 13	7	13	7	13		
\$6,000 to \$6,999 \$7,000 to \$7,999 \$8,000 to \$8,999	_ 24	13	6 24	=	6 18 32	6	13 8
\$9,000 to \$9,999 \$10,000 or more	_[ 29	10	24 32 19 59	- 14	19 39	6	25
Median income: Families	_ \$8 453	\$6 346 \$4 857	\$8 719	.,,	\$8 609 \$8 266		\$7 308 \$2 815
RATIO OF FAMILY INCOME TO POVERTY LEVEL	1	1	4		<b>V</b>		
Percent of families with incomes: Less than .50 of poverty level	_ 6.6	}	8.0	_	9.9	_	
.50 to .74 .75 to .99	-1 -	}	_	_	-	_	10.7 8.3
1.00 to 1.24	_ 2.4	13.5	-	Ξ	5.0		9.5 23.8
1.50 to 1.99 2.00 or more	_  15.6	18.9	14,9		13.5 71.6		17.9 29.8
INCOME BELOW POVERTY LEVEL							16
Families Percent of all families	_ 6.6		. 14	-	14 9.9	-	19.0
Mean family income				-	•••	-	
Percent receiving public assistance income Mean size of family	- l	]		_		_	'ià
With related children under 18 years Mean number of related children under 18 years _		.) -	8	_	8	=	ia
With related children under 6 years	-1			-			
Families with female head With related children under 18 years	·	.)	]	=		-	].
Mean number of related children under 18 years With related children under 6 years	l -	:\	:\		=	=	]
Percent in labor force Mean number of related children under 6 years	-( -			Ξ	- -		10
Family heads Percent 65 years and over	1 -	.  .	14		14		· -
Civilian male heads under 65 years  Percent in labor force	1	. [	14	-	14	- - 6	
Unrelated individuals Percent of all unrelated individuals	61.	1	- 61.1		•••		)
Mean income deficit	1	1	=} :::	•••	•••		} ":
Percent receiving public assistance income Percent 65 years and over Persons			112	- 8	98		9.
Percent of all persons  Percent receiving Social Security Income	12.0		112	8.4 8.4	98 15.7	9.2	1 00
Percent 65 years and over Percent receiving Social Security income	5.	4	5.4	-	=	• • •	
Related children under 18 years  Percent living with both parents	6		- 60 - 90.0	6	54 100,0	-	100.
Households Percent of all households	[ 2:	2	22	8	100,0 14 9,5	-	19.
Owner occupied	l ·	-	- 11.0		7.5		
Renter occupied Mean gross rent	2	2	22	8	14	-	1
Percent locking some or all plumbing facilities	)	-	-  ''-	***		_ =	

Excludes inmates of institutions, members of the Armed Forces living in barracks, college students in dormitories, and unrelated individuals under 14 years.

Table H-1. Occupancy, Utilization, and Financial Characteristics of Housing Units: 1970

	[TOT INTIANTO	1 5030 101 00	·····	art in Worce	ster County			Middlesex Cou	unty		Fitchb	urg	
Census Tracts	Total	Port in Middlesex	Tatal	Eitabhuan	Leomin- ster	Balance	Tract 3011	Tract 3021	Tract 3022	Tract 7101	Tract 7102	Tract 7103	Tract 7104
All housing units Vacant - seasonal and migratory	32 076 583	2 784 27	7otal 29 292 556	14 821 10	10 375 38	4 094 508	1 321 24	1 291	172	1 706	1 700 1	1 000 1	865
All year-round housing units	31 493	2 757	28 736	14 811	10 337	3 588	1 297	1 288	172	1 706	1 699	999	865
TENURE, RACE, AND VACANCY STATUS						ĺ							
Owner occupied	18 329 69 18 214	1 875 1 832	16 454 69 16 382	7 212 31 7 192	6 174 33 6 133	3 068 5 3 057	1 058 1 050	797  764 31	20 18	742 5 741	1 234 1 231 3	641 640	577 6 577
Negra Renter occupied	79 11 896	40 800	39 11 096 10 914	11 6 822 6 703	24 3 845 3 786	429 425	203 201	450 440	147	874 870	444 440	331 330	277 274
White Negro Vacant year-round	11 673 178 1 268	759 35 82	143	92 777	48 318	3 91	1 36	8 41	26 5	90 7	2 21 3	27 7	11
For sale only Vacant less than 6 months	117	16 j	101 57	53 27	29 22	19 8 \$14 400	9 8 \$13 100	7 3 \$20 000	-	3		\$16 300	-
Median price osked For rent Vacant less than 2 months	\$16 300 727 441	\$15 000 21	\$16 400 706 429	\$15 300 501 317	\$19 400 189 108	16	\$13 100 7 2	13 10		58 32	5	8	3
Median rent asked	\$80 424	\$117 45	\$79 379	\$80 223	\$74 100	\$103 56	\$128 20	\$95 21	:4	\$76 25	\$63 13	\$70 12	8
LACKING SOME OR ALL PLUMBING FACILITIES		ļ											
All waits.	1 261 403	1 <b>62</b> 104	1 <b>099</b> 299	<b>630</b> 142	<b>335</b> 73	1 <b>34</b> 84	10 <b>5</b> 78	57 26	-	97 15	37 25	17 7	2
Renter occupied	3 692	1 37	655	393	230	32	13	24	-	59	12	6	4
Vacant year-round	166 166	21	145	95 95	2 32 2	18	14	7		23 1	-	4 2	-
For sole only For rent	71	ī	70	3 47	21	2	Ξ	1	-	16	-	2	-
COMPLETE KITCHEN FACILITIES AND ACCESS									}			3	,
Lacking camplete kitchen facilities  Access only through other living quarters	552 39	33	519 38	302 18	186 18	31 2	17	16 1	-	58 2	2 -	3	-
ROOMS						j			1	67		1	_[
1 room2 rooms	625 982	26 66	599 916	441 509	151 350	7 \ 57	3 16	23 49 155	1 5	57 69 180	5 41 72	6 49	7 58
4 rooms	2 835 6 705	242 561	2 593 6 144	1 414 3 277	988 2 140 2 887	191 727 937	82 233 313	274 288	54 88 21	379 482	344 637	191 284	192 346
5 rooms	8 975 6 396	689 599	8 286 5 797 2 407	4 462 2 769 1 028	2 182 951	846 428	314 175	264 109	1 /	320 107	391 131	259 108	172 58
7 rooms	2 692 1 415 868	285 163 126	1 252 742	549 362	465 223	238 157	85 76	76 50	2	70 42	60 18	71 30 5.4	20 12 5.0
Median	5.0	5.2	5.0	4.9	5.0	5.4	5.5	5.0	4.8	4.8	5.1	J,4	5.0
All occupied housing units	30 225	2 675	27 550	14 034	10 019	3 497	1 261	1 247	167	1 616	1 678	972	854
PERSONS  1 person	5 252	334	4 918	2 917	1 586	415	152	178	4	338 514	160 439	117 298	111 264
2 persons3 persons	8 684 5 377	780 527	7 904 4 850	4 147 2 410	2 761 1 800	996 640 621	344 241 222	410 261 173	26 25 47	254 211	311 282	178 156	169 136 83
4 persons 5 persons 6 persons or more	4 525 3 058 3 329	442 253 339	4 083 2 805 2 990	1 857 1 324 1 379	1 605 1 082 1 185	399 426	119 183	97 128	37 28	146 153	248 238	111	91
Medion, otl occupied units  Medion, owner occupied units	2.7 3.1	2.9 3.1	2.7 2.7 3.1	2.5 3.0	2.9 3.3	3.0 3.1	3.1 3.2	2.6 2.9	4.1	2.4 2.9 2.1	3.3 3.4 2.8	3.1 2.6	2.8 3.1 2.3
Median, renter occupied units  Units with roomers, boarders, or lodgers	2.3	2.6 44	2.2 336	2.2 188	2,3 110	2.4 38	2.6 17	2.3 25	4,1	25	- 11	11	8
PERSONS PER ROOM	360	] "	500	,,,,									
1.00 or less	28 085	2 465	25 620	13 107 791	9 232 676	3 281 185	1 165 85	1 162 69	138 20	1 507 94	1 519 143	900 65	785 63
1.01 to 1.50	1 826 314 2 075	174 36 198	1 652 278 1 877	136 897	111 773	31 207	11 85	16 84	29	15 100	16 159	7 71	69
VALUE	1 20/3	170		0,,	,,-								
Specified owner accupied units		1 348	11 945	4 675	<b>4 743</b>	2 527 31	<b>829</b> 26	516 17		<b>408</b> 14	1 095	440 4	383
Less than \$5,000 \$5,000 to \$7,499 \$7,500 to \$9,999	152 327 669	66 100	108 261 569	63 127 278	61 146	73 145	43 68	21 32		14 46	11 40	25	8 14 123
\$10,000 to \$14,999 \$15,000 to \$19,999	3 450	434 404	3 016 3 896	1 357 1 535	1 022 1 598	637 763	306 245	128 159	• • •	167 119 29	200 393 291	171 148 57	143
\$20,000 to \$24,999 \$25,000 to \$34,999	2 524 1 311	167 106	2 357 1 205	798 364	1 075 567	484 274	87 47	80 59 16	• • • • • • • • • • • • • • • • • • • •	14	125	19	72 17 4
\$35,000 to \$49,999 \$50,000 or more	432 128	21	411 122	118 35	195 65 \$18 600	98 22 \$17 300	5 2 \$14 600	\$16 700	•••	\$13 900	\$18 800	\$15 300	\$16 900
Median	\$17 300	\$15 300	\$17 600	\$16 600	\$10 UUU	ψ., 500	• • • • • • • • • • • • • • • • • • •	· · · · · · · · · · · · · · · · · · ·					_
Specified renter occupied units?	11 011	779	11 032	6 800	3 834	398 10	192	441 11	146	874 21	443 3	328 4	277
\$30 to \$39	407	16 16 58	222 391 2 804	146 277 1 929	66 104 846	10 10 29	7 13	9 45	=	15 205	69 168	16 79	5 57
\$40 to \$59 \$60 to \$79 \$80 to \$99	3 359	98 134	3 261 2 033	2 039 1 237	1 142 745	80 51	40 35	58 99		278 216	56 72	129 60	113 59 22
\$100 to \$149 \$150 to \$199	1 775 425	280 38	1 495 387	772 158	599 192	124 37	57 19	180 19	43 -	111	13 21 18	. 26	3
\$250 or more	33	2	31	19 4	8 3 120	4 1 52	- 16	2 1 17	103	26	3 20	14	17
No cash rent	536 \$71	136 \$100	400 \$70	219 \$68	129 \$74	\$97	\$93	\$98	\$110	<b>\$</b> 73	\$58	\$67	\$70

Limited to one-family homes on less than 10 acres and no business on property. <sup>1</sup>Excludes one-family homes on 10 acres or more.

Table H-1. Occupancy, Utilization, and Financial Characteristics of Housing Units: 1970-Continued

Γ				burg – Con.			Leominster							
Census Tracts	Tract	Tract	Tract	Tract	Tract	Tract	Tract	Tract	Tract	Tract	Tract	Tract	Tract	Tract
Ļ	7105	7106	7107	7108	7109	7110	7111	7091	7092	7093	7094	7095	7096	7097
All housing units Vacant – seasonal and migratory	1 357 1	2 832 3	1 112 1	1 920	<b>6</b> -	1 383 1	940	261	<b>3 336</b> 37	385	1 928	1 422 1	492	2 551
All year-round housing units	1 356	2 829	1 111	1 920	6	1 382	938	261	3 299	385	1 928	1 421	492	2 557
TENURE, RACE, AND VACANCY STATUS														
Owner occupied	432	1 313	117	770 6	-	608 5	778	229	2 012	52	727 5	1 240	284 8 281	1 630 7 1 1 618
White	431 876	1 311 2 1 335	114 2 802	766  1 057	- 5	605 3 686	776 1 135	227 1 26	2 002 6 1 176	50 2 308	721 3 1 117	1 234 2 166	2 194	858
Renter occupied	870	1 301	774 25	1 044	5	661 23	134	25 1	1 159	300 5	1 099	166	192	845 12
Vacant year-round	48 1	181 16	192 2	93 11	1 -	88 3	25	-	111 20	25	84 2	15 5	14	63
Vacant less than 6 months		\$13 800	:::	7 \$16 900	_	···	:::}	- -	\$18 800	19	53		- 7	 37
For rent Vacant less than 2 months Medion rent asked Other	33 15 \$55 14	118 80 \$59 47	144 124 \$96 46	59 38 \$76 23	- - 1	64 21 \$81 21	\$85 13	  5	68 41 \$70 23	10 \$61 6	33 *\$67 29		\$95 7	20 \$101 24
LACKING SOME OR ALL PLUMBING FACILITIES							ļ							- [
All units	<b>40</b> 9	113 36	1 <b>73</b> 1	<b>97</b> 15	-	18 9	32 23	11 4	105 24	107 1	35 12	<b>9</b> 4	11 4	57 24
NegroRenter occupied	31	58	135	73	-	8	7	5	72	92	22	5	5	29
Negro Vacant year-round For sale only	-	19	37	9	-	ī	2	2	2 9 2	14	ī	-	2	4
For rent	-	10	13	5	-	-	ī	-	6	14	=	_	-	'}
COMPLETE KITCHEN FACILITIES AND ACCESS							1						_	20
Lacking complete kitchen facilities	29 2	22 4	135 2	40 2	-	3 1	9 2	3	39 4	67 1	35 7	3	7	32 6
1 room2 rooms	25 45	8 34	295 218	44 61	ī	3 21	3	1	40 89	72 87	5 84	2 7	- 6	31 76
3 rooms	152 336	280 654	210 131	259 488	3 2	102 410	49 150	9 26	287 714	72 56	293 597	59 169	55 130	213 448 596
5 rooms	582 158	865 623 231	124 81	495 263	-	414 238	233 264	47 66	1 122 665	54 32	551 279	386 403 216	131 81 57	656 303
7 rooms	24 18 16	231 84 50	24 17 11	113 94 103	-	112 44 38	120 71 42	44 39 28	244 108 30	4 5 3	83 26 10	129 50	25 7	133
Median	4.7	5.0	2.7	4.7	3.2	4.9	5.6	6.2	5.0	3.0	4.5	5.7	4.9	5.4
All occupied housing units	1 308	2 648	919	1 827	5	1 294	913	255	3 188	360	1 844	1 406	478	2 488
PERSONS  ? person	297	523	496	494	5	263	113	22	440	203	302	133	68	418
2 persons 3 persons	375 233	801 476	209 95	551 293	-	417 225	279 176	53 36	803 600	72 35	545 361	376 255	123 98	789 415 354
4 persons	183 104	333 248	48 29	210 152	-	147 107	151 96	53 44	574 356	23 12	270 167 199	267 178 197	64 59 66	266 246
ó persons or more  Median, all accupied units  Median, owner occupied units	116 2.5 2.7	267 2.5 2.8	42 1.4 2.5	127 2.3 2.8	1.0	135 2.4 2.5	98 2.9 2.9	47 3.8 3.9	3.1 3.5	15 1,4 2.3	2.7 3.2	3.3 3.4	3.0 3.1	2.6 3.1
Median, renter occupied units  Units with roomers, boarders, or ladgers	2.4	2.4	1.4 16	2.0 43	1.0	2.3	2.6	2.5	2.4	1.3 12	2.4	2.4 11	2.8 7	2.1 20
PERSONS PER ROOM	\ ''	24	10	43	-	20	1	2	3,7	12	20			1
1.00 or less	1 207	2 482	870	1 742	5	1 216	874	239	2 889	342	1 642	1 329	430 40	2 361 115
1.0) to 1.50 1.51 or more Units with all plumbing facilities — 1.01 or more	87 14 98	146 20 160	29 20 44	72 13 80	-	60 18 78	32 ( 7 ) 38 (	16 15	268 31 291	13 5 16	159 43 201	65 12 77	8 48	12 125
VALUE	~	100			_		30	,13	2/1					
Specified owner occupied units		750	44	439	-	321	635	195	1 530	23	338 2	1 153	145	1 319
Less than \$5,000 \$5,000 to \$7,499 \$7,500 to \$9,999	3	13 34 48	! ! 8	6 15 19	-	6 15 27	8 17 32	5	26 52	- 6	4 21	14 22	3 13	9 26
\$10,000 to \$14,999 \$15,000 to \$19,999	50	245 223	19 7	111 114	-	129 103	142 221	24 28 15	361 566	13 4	150 107	146 346	71 76	257 471 310
\$20,000 to \$24,999\$25,000 to \$34,999	18	104 66	6 2	66 44	_	30 9	125 63	39	367 128	_	45 8	322 218	16 5	169 48
\$35,000 to \$49,999 \$50,000 or more	1 -	14 3		48 16	-	2	20   7	60 17	22	~ ~ ~	1	64 17 \$20, 700	\$15 200	\$18 800
Median	\$15 700	\$15 700	\$13 300	\$17 600	-	\$14 500	\$17 700	\$29 700	\$18 000	\$12 300	\$14 800	\$20 700	4.5 205	• -= -=-
Specified renter occupied units?	875	1 334	802	1 054	•••	686	123	21	1 172	308	1 116	166	194 3	857 20
Less than \$30	33	41 53 <b>3</b> 66	)4  1  200	26 55 308	• • •	9 16 145	4   3   14	2 - 2	17 43 267	2 18 136	17 18 267	5 11	ő	16 340
\$60 to \$79 \$80 to \$99	281 73	444 251	177 161	318 188	•••	222 126	21	6	378 215	98 35 13	406 234	25 28	23 54 40	175 187 199
\$100 to \$149 \$150 to \$199	57	140	198 29	112	• • • •	68 82	25 4	2	142 66	13	153 2	57 16	33 25	199 82 4
\$200 to \$249 \$250 or more	1 -	Ĩ 24	-	-	• • • •	- 10	1	-	2	7	- 19	1 1 22	Ž	2 30
No cash rent Median	\$59		12 \$79	35 \$67	•••	18 \$73	20 \$85	\$68	42 \$71	\$59	\$70	\$102	\$82	\$85

\*Limited to ane-family homes on less than 10 acres and no business on property. \*\* \*Excludes one-family homes on 10 acres or more.

Table H-1. Occupancy, Utilization, and Financial Characteristics of Housing Units: 1970—Continued

ľ	Balance of S	MSA in	Adjacent tract in	Western County										
ensus Tracts	Worcester (	Tract 7121	Tract 3001	Tract 7001	Tract 7011	Tract 7021	Tract 7031	Tract 7041	Tract 7051	Tract 7061	Tract 7071			
All housing units	7081	2 532	738 24	1 <b>562</b> 505	2 153 7	1 380 35	1 527 5	2 074 58	1 683 28	<b>489</b> 48	1 135 1			
Vocant — seasonal and migratory	223	285			2 146	1 345	1 522	2.016	1 655	447	1 134			
All year-round housing units	1 341	2 247	714	1 057	2 (40									
NURE, RACE, AND VACANCY STATUS	, ,,,,	1 932	559	829	1 338	974	726 Á	1 472	1 322	365	833			
ner occupiedCaoperative and condominium	1 136	1 923	558	829	15 1 338	973	726	1 470 1	1 319	364	830			
White	1 134	4	74	192	682	312	646	416 416	277 277	46 46	262 262			
Nhite	159 159	270 266	74	190 l	679	309		128	56	30	39			
legracant year-round	46	3 45	81	36 13	126 13	59 9	150	14	<u>á</u> 2		į			
or sale only	) 4	15		7 \$23 100	\$12 500	\$10 600		\$15 800	`ii	2	2			
Median price asked		\$15 000 7	2	\$23 100	63 20	` 8 2	36	32 9	2		1 \$7			
Vacont less than 2 months	\$85	\$120 23	77	\$87 13	\$79 50	\$55 42	\$55 79	\$58 82	\$45 39	24	1			
CKING SOME OR ALL PLUMBING FACILITIES			}		185	74	165	132	161	74 52	5 2			
All units		<b>56</b> 35	97	<b>56</b> 48	89	40	21	73	87	_	2			
ner occupied		19	1	ć	61	18	69	28	43	7	2			
nter occupied	:[ -	î		- 2	35	16	75	31 2	31 3	15				
tant year-round For sale anly For rent		ī	} _[	-	17	3	25	2	2	-				
IMPLETE KITCHEN FACILITIES AND ACCESS				10	51	20	111	37	43	19				
cking complete kitchen facilities		7		10 4	2	-	1	5	4	_				
OMS	` <b>\</b>		{				104	17	12	_				
room	. 4	3		4 14	25 30	3 12	104 55	59 138	17 90	5 20				
rooms	. 24	33 11 <i>0</i>	38	61 170	232 369	84 230	180 266	339	348 403	70 106	2			
rooms	. 265	462 597	160 [	230	502 481	335 321	306 301	433 439	390 180	96 63	2			
rooms	315	53 25	83	250 170	243 15)	198 78	182 72	288 164	140	37 44				
rooms	. 88	150	53	85 73	113	84 5.5	56 5.0	139 5.6	75 5.4	5.7				
rooms ar moreedian		5.		5.7	5.3	3.3	5.5			411	1 (			
All occupied housing units	1 295	2 20	633	1 021	2 020	7 286	1 372	1 888	1 599	711				
ERSONS	1			159	359	205	385	332 630	213 464	41 1 <b>29</b>	:			
personpersons		25 60	3 167	297 147	564 317	438 226	430 188	256	263 241	67				
persons	230	41 39	6 114	161	333 204	181 114	135 101	235 161	173	58 55 61				
persons	149	25 28	0 66 107	107 150	243 2.8	122 2.5	133 2.2	274 2.5	245 3.0	3.0				
persons or more	2.9	3, 3,	1 3.2	2.9 3.0	3.2 2.2	2.6 2.2	2.5 1.8	2.7 2.1	3.1 2.5	3.1 2.9				
ledion, owner occupied units	2.5	2	·*/ _	2.4 16	2.2	14	21	29	15	5				
nits with roomers, boarders, or lodgers	·} 9	2	/								1			
ERSONS PER ROOM	1 213	2 00	(R) 582	952	1 88)	) 229 48	1 311 55	1 757 110	1 465	383 26	,			
1.00 or less 1.01 to 1.50	65			58 11	115 24	9	6 59	21	23 120	2 25				
1.51 or more Inits with all plumbing facilities – 1.01 or more			45	64	119	53								
'ALUE Specified owner occupied units'	901	1 6:		637 20	932 66		532 44	1 069	999 35 85	214 14 19				
ess than \$5,000			41 14	38	104 151	65	82 134	139	142	17 65				
\$7,500 to \$9,999		3	78 29 95 125	202	302 188	269	160 62	296 181	393 223	57 29				
15,000 to \$19,999	289	4	74 128	89	74	79	24 \7	94 66	86 23	12				
20,000 to \$24,999	[ 75	1	98 16 83 4	20	11		7 2	16 5	11 [	1				
35,000 ta \$49,999 50,000 or more Median		í	19 1	\$14 700		\$13 200	\$10 10 <b>0</b>	\$11 600	\$12 800	\$14 400	\$15			
CONTRACT RENT		. 1	53 62	182			646 19	376 16	264 15	33 3				
Specified renter occupied units?			4	. 3		). 17	81	14	16 111	10				
\$30 to \$39\$40 to \$59			12	22 27	239 180	112	223 232	84	52 24	3 6				
\$60 to \$79	· 1	Ō	41	37	119 51	9	54 13		8					
\$100 to \$149 \$150 to \$199			29	'l -			ĩ	. 4	-	-				
\$200 to \$249 \$250 or more		- -	25 23	42	3:	2 13	23		38 \$54	10 \$55				
		7	25	. 42	\$6		\$59	\$61	5.14	3533				

\*Limited to one-family homes on less than 10 acres and no business on property. 
\*Excludes one-family homes on 10 acres or more.

Table H-1. Occupancy, Utilization, and Financial Characteristics of Housing Units: 1970-Continued

	Adjacent tracts in Worcester County—Con.												
Census Tracts	Tract 7072	Tract 7073	Tract 7074	Tract 7075	Tract 7131	Tract 7141	Tract 7142	Tract 7151	Tract 7161	Tract 7162	Troct 7163		
All housing units	785 -	1 873 7	1 544	1 164 1	1 815 169	1 362	<b>947</b> 85	<b>571</b> 15	1 904	1 087	1 405		
All year-round housing units	785	1 866	1 544	1 163	1 646	1 362	862	556	1 904	1 086	1 405		
TENURE, RACE, AND VACANCY STATUS											}		
Owner accupied	325	726	1 027	737	1 051	10	665	432	1 186 5	593	565		
Caoperative and condominium	325	724	1 025	736	1 03]	10	659	432	1 185	58 <b>8</b>	563		
NegroRenter occupied	444	1 029	500	401	16 546	1 333	160	102	660	447	778 774		
White	442	1 024 1	498	396	512 30	1 159 150	159	100 1	652 5	442 4	1		
Vacant year-round	16	111 3	17 3	25 1	49 12	19	37 7	22 7	58 5	46 4	42 2		
Vacant less than 6 months	-				11 \$18 300	-	\$30 000	\$35 000		•••	**:\		
For rent	12	70	··· <del>·</del>	19	18	4	\$30 000	3	35 7	39	33 15		
Vocant less than 2 months	\$60 4	\$62 38	\$65 7	\$74 5	13 \$68 19	15	\$138 22	12	\$74 18	\$64 3	\$65 27		
LACKING SOME OR ALL PLUMBING FACILITIES													
All units	63	229	80	17	47	8	7	18 9	48 26	32 6	95		
Negro	17	36	37 	14	23	-	5	-	-	21	72		
Renter occupied	41	1 55	39 -	2	20 2	8 1	2 -	5 -	18	_	15		
Vacant year-roundFor sale only	5	38	4	1	4 2	_	-	4	4 -	5 -	-1		
For rent	4	22	2	-	î	-	-	***	1	5	11		
COMPLETE KITCHEN FACILITIES AND ACCESS  Locking complete kitchen facilities	18	82	6	4	15 5	4	6	7	20	8 2	70		
Access only through other living quartersROOMS	••	4	4	3	5	2	-	-	2	. 2			
l room2 rooms	11 23	61 77	1 24	6 97	7 128	- 8	5 8	1 2	15 13	5 23	65 ( 6)		
3 rooms	121	330	179	76	112	30	39	20 76	106 375	<i>79</i> 196	181 282		
4 rooms	268 164	577 469	466 442	174 248	241 360	450 667	84 117	89	565	315 290	326 223		
7 rooms	123 26	231 79	252 110	233 149	357 223	150 21	143 144	131 112	461 199	97	131 78		
8 rooms	31 18	30 12	53 17	100 80	114	10 26	130 192	58 67	128 42	52 29	58 [		
Median	4,4	4.3	4.7	5.4	5.4	4.8	6.7	6.2	5.3	5.3	4.8		
All occupied housing units	769	1 755	1 527	1 138	1 597	1 343	825	534	1 846	1 040	1 343		
PERSONS											204		
1 person	189 219	492 513	282 495	249 330	242 428	9 276	95 193	60 121	270 474	169 320	394 401		
3 persons	146	274	248	160	255	297	154	92 118	330 311	195 132	180 : 147		
4 persons	83 54	227 109	226 123	159 105	286 181	327 212	166 107	73	202	95 129	119 102		
6 persons or more Median, all accupied units	78 2.4 2.8	140 2.3	153 2.5	135 2,5	205 3.0	222 3.8	110 3.3	70 3.4	25 <del>9</del> 3,0	2.7	2.2 2.7		
Median, owner occupied units	2.8 2.2	2,6 2,0	2.8 2.1	2.9 2.0	3.4 2.3	2,8 3,8	3.5 2.5	3.6 2.7	3.2 2.7	2.7 2.6	1.9		
Units with roomers, boarders, or ladgers	14	21	19	12	41	-	7	1	17	22	11		
PERSONS PER ROOM													
1.00 or less	700	1 621	1 426	1 075	1 498	1 135	800	511	1 695 120	951 77	1 281 55		
1.01 to 1.50	56 13	111 23	85 16	56 7	88 11	177 31	21 4	21 2	31	12 88	7 57		
Units with all plumbing facilities ~ 1.01 or more	64	129	96	63	96	206	24	21	149	. 66	٠,		
VALUE						_		***	921	399	304		
Specified owner occupied units Less than \$5,000	124	367 13	7 <b>22</b> 17	<b>601</b> 6	<b>876</b> 6	5 -	512 3	<b>304</b>	17	5	3		
\$5,000 to \$7,499 \$7,500 to \$9,999	10 -15	26 38	45 . 49	12 21	11 41	_	l 9	l 4	22 48	) 1 20	. 5		
\$10,000 to \$14,999	59 31	155 109	244	111 170	160	3	20 41	32 58	192 303	117 146	95		
\$15,000 to \$19,999 \$20,000 to \$24,999	3	20	236 87	104	221 217	;	66	62 74	220 92	63 30	6 5 65 95 65 49		
\$25,000 to \$34,999 \$35,000 to \$49,999	5 .	4 2	37 6	98 60	159 43	-	131	52	17	7	12 4		
\$50,000 or more	. \$12 700	\$13 500	\$15 100	19 \$19 400	18 \$20 000	\$14 600	90 \$33 900	20 \$24 500	10 \$17 700	\$16 200	\$18 800		
CONTRACT RENT  Specified renter occupied units?		1 029	498	393	530	1 331	129	80	654	447	776		
Less than \$30	10	48	17	7	16	2	2	~	32 56	7 14	24 34		
\$30 to \$39 \$40 to \$59	116	72 361	23 169	121	8 120	-	.5	8	159	98	236		
\$60 to \$79\$80 to \$99	96	357 11 <i>5</i>	164 72	126 65	125 81	4	10 20	14 8	196 109	154 91	34 236 268 124 68		
\$100 to \$149 \$150 to \$199	24	54 4	20	33 18	96 50	252	42 21	28 7	45 7	65 3			
\$200 to \$249	-	-	~	2	8	-	6	. 2	_	1	-		
\$250 or more No cosh rent	8	18	29	17	26	1 066	. 18	13	50	14 \$71	22 \$66		
Median	\$65	\$61	\$62	\$68	\$77	\$113	\$117	\$107	\$65	4/1			

Limited to one-family homes on less than 10 acres and no business on property, \*\*Excludes one-family homes on 10 acres or more,

Table H-2. Structural, Equipment, and Financial Characteristics of Housing Units: 1970

	(Data based on sample, see text. For minimum base for derived figures (							iddlesex Cour	ity	Fitchburg					
Census Tracts		Part in		111 III WOLCES	Leomin-		Tract	Tract	Tract	Tract	Tract 7102	Tract 7103	Tract 7104		
	Total ( SMSA	Middlesex County	Total	Fitchburg	ster	Balance	3011	3021	3022	7101					
All year-round housing units	31 485	2 760	28 725	14 805	10 332	3 588	1 304	1 269	187	706	1 705	1 020	868		
UNITS IN STRUCTURE				T 010	5 275	3 310	1 132	843	44	492	1 172	526 312 156	369 357		
1 (includes mobile home or trailer)	15 914 5 860 5 288	2 019 262 158	13 895 5 598 5 130	5 310 3 496 3 354	1 880 1 745	222 31 25	105 14 53	157 138 131	137	517 427 206	228 217 88	156 26	125 17		
5 to 49	4 002 421	321	3 681 421	2 241 404	1 415 17	-	~	_	-	64	-	-	-		
YEAR STRUCTURE BUILT				270	152	98	39	54	_}	<u>.=</u>	73	17	11		
1969 to March 1970	716 1 721 2 236	93 307 284	623 1 414 1 952	373 459 564	728 1 008	227 380	74 91 281	182 109 194	51 84 41	23 6 56	153 267 480	26 5 117	163		
1950 to 1959	4 674 2 557	516 265 1 295	4 158 2 292 18 286	1 424 1 019 10 966	1 606 649 6 189	1 128 624 1 131	164 655	96 634	5 6	61 1 560	196 536	<i>52</i> 803	94 499		
1939 or earlier	19 581	1 273	10 200	10 700					}			441	493		
Steam or hot water	17 670 6 803	1 160 1 144	16 510 5 659	8 430 2 508	6 070 2 011	2 010 1 140	678 477	477 508 100	159	1 119 264 4	1 018 489 63	461 32} 15	205 ) 10		
Warm air furnace	989 367	104	885 316 5 355	357 118 3 392	373 140 1 738	155 58 225	28 117	23 161	23	314	19 116	20 203	10 150		
Other means or not heated	5 656	301	5 333	0 0/2	,		[						052		
All units with basement	29 321 14 574	2 177 1 677	27 144 12 897	14 176 5 105	9 974 5 045	2 994 2 747	1 209 1 067	968 610	-{	1 650 469	1 550 1 137	1 000 516	853 359		
One-family houses with basement SELECTED EQUIPMENT	14 3/2	""							_		378	131	107		
With more than 1 bathroom With public water supply	5 560 28 951		5 000 26 876	2 060 14 581	2 019 10 162	921 2 133	269 895 55	181 997 183	110 184 184	226 1 706 3 629	1 660 1 541	1 009 896	869 862		
With public sewer	23 90e 3 86	422	23 484 3 449 3 331	13 832 1 307 1 283	9 490 1 851 1 785	162 291 263	173 173	204 204	39 23 16	162 155 7	204 198 6	54 54 -	80 80		
Room unit(s)Central system			118	24	66	28	-	~	101	•	_		ļ		
All commission bounts - make	30 23	2 684	27 550	14 034	10 019	3 497	1 270	230	184	1 616	1 672	1 019	854		
All occupied housing units YEAR MOVED INTO UNIT	30 23									471	357	246	121		
1968 to March 19701965 to 1967			7 174 4 686	3 867 2 286	2 570 1 831	737 569 613	275	469 150 186	178	471 251 252	273 397	105 114	143 161 184		
1960 to 1964	5 11 6 04	7 449 5 465	4 668 5 580 5 442	2 213 2 598 3 070	1 842 1 979 1 797	1 003 575	291	174 251	-	223 419	346 299	270 284	245		
AUTOMOBILES AVAILABLE	-	1								000	973	641	517		
1		41 842	15 148 6 642	2 685	5 512 2 562	1 70d 1 39d 31d	5 509	756 308 95	159 25	999 291 41	434 77	222 47	233 ) 19 85		
3 or moreNone	_ 1 37	2 199	1 173 4 587	382 3 037	477 1 468	8:	1	71	-	285	188	109	03		
GROSS RENT				6 817	3 829	39	7 186	412	173	874	447	306	316		
Specified renter occupied units1 Loss than \$40 \$40 to \$59	-1 .5	38 12 21 18	11 <b>043</b> 76 903	56 551	20 345		7 12	12 6 25	-	35 148	67 144	10 34	10 50 116		
\$60 to \$79 \$80 to \$99	2 0	55 10 124	1 967 2 986 3 835	2 024 2 242	557 897 1 447	6 14	5 23 6 83	101 199 58	54 -	300 333 34	107 70 21	76 163 5	101		
\$100 to \$149 \$150 to \$199 \$200 to \$249	8 1	16 84 07 6	732 101 23	25	371 60 14		6 -	6	- 119	_	. 5 9 24	18	28		
\$250 or more	. 5	23 56 136 97 \$112	420	223	118 \$101			\$113	şiii	1 .27	\$80	\$103	\$95		
GROSS RENT AS PERCENTAGE OF INCOME BY INCOME	1														
Specified renter occupied units'	11 8		11 043	2805	3 829 1 478		3 76	412 143	173 40		<b>447</b> 231. 11	<b>306</b> 86 5	316 77		
Less than 20 percent	2	45 63	239 356	3 216	61 142 283	1	4 30	5 25	ē	18 65 170	17 50 138	25 43	7 4 46		
25 to 34 percent 35 percent or more Not computed	2 6	71 147 76 40	2 524 436	1 648	847 145 35.0+		9 40 50 - + 35.0+	107 6 35.0+	34	10	15 35. <b>0</b> +	9 35.0+	20 35.0+		
\$5,000 to \$9,999	35.0	58 366	3 99	2 2 403	1 418	17		204 98	114 18	3 279	116		107 93		
Less than 20 percent20 to 24 percent	2 9	94 142 98 63 87 6	3 63	5 318 0 152	261 147	. ;	56 12	33 62 6	18		- 11		_		
25 to 34 percent 35 percent or more Not computed	}	75 1 204 83 7,0 20.0	6	4 26	27	, ,	26 5	- 5	7. 20.		15.5		14.3		
\$10,000 to \$14,999	2		2 07	-		<b>.</b>	18 48	47	) ·	-1 -	66	91	118		
25 percent or more Not computed Median		87 1: 1.5 12.	6	8 30	20	)	18 7 !.3 12.5		1: **	. 10.0			10.8		
\$15,000 or more25 percent or more	.	536 3	-1	- :-			15 14	18 - -		45		· -	-		
Not computed		33 10.0-	10.0						<u> </u>	10.0-	10.0-				

\*Excludes one-family homes on 10 ocres or more.

Table H-2. Structural, Equipment, and Financial Characteristics of Housing Units: 1970—Continued

			Fitch	burg — Con.						Le	eominster			
Census Tracts	Tract 7105	Tract 7106	Tract 7107	Tract 7108	Tract 7109	Tract 7110	Tract 7111	Tract 7091	Tract 7092	Tract 7093	Tract 7094	Tract 7095	Tract 7096	Trect 7097
All year-round housing units	1 357	2 821	1 102	1 925	6	1 389	906	252	3 302	425	1 888	1 422	482	2 561
UNITS IN STRUCTURE									-					
] (includes mabile home or trailer)	169	816	.83	489		409	785	228	1 696	49	410	1 220	195	1 477
2 and 4 5 to 49	316 512 360	880 713 407	109 187 388	361 625 450	•••	336 364 280	80 28 13	10 14	627 642 325	62 52 262	384 658 436	129 39 34	167 59 61	501 281 297
50 or more	-	5	335	-	•••		[-]	_	12	-	-	-	-	5
YEAR STRUCTURE BUILT														
1969 to March 1970	11 19 60	15 40	252 6	4 37 14	•••	104	5 36 51	9 39	42 310	_	4 35 99	43 170	20 20 19	34 154 152
1960 to 1964 1950 to 1959 1940 to 1949	45 97	119 168	17 44	96 134	•••	54 86 69	245 104	. 64 58 5	430 464 161	10	224 162	244 373 125	25 18	452 178
1939 or earlier	1 125	2 479	783	1 640	•••	1 076	465	77	1 895	415	1 364	467	380	1 591
HEATING EQUIPMENT			~~.										007	1 007
Steam or hot water	454 213 19	1 811 288 5	806 45 122	1 03B 176 19	• • • •	627 263 96	597 244	156 49 15	1 774 825 114	325 31	783 282 28	919 363 41	286 82 28	1 827 379 147
Floor, wall, or pipeless furnace	5 666	10 707	122	14 678	•••	28 375	61	5 27	59 530	49	40 755	27 72	4 82	203
BASEMENT							İ							
All units with basement One-family houses with basement	1 268 169	2 759 798	1 045 78	1 868 471	•••	1 319 365	864 743	241 217	3 190 1 593	425 49	1 820 383	1 372 1 174	457 185	2 469 1 444
SELECTED EQUIPMENT														
With more than I bathroom	104 1 357	379 2 818	45 1 117	326 1 910	• • •	102 1 375	255 753	136 180	406 3 232	37 386	207 1 927	498 1 406	68 473	667 2 558
With public sewerWith air conditioning	1 343 72	2 805 259	1 112 50 50	1 864 162	• • • •	1 338 165	435 99	159 62	2 874 496	386 26	1 889 268	1 207 288	461 108	2 514 603
Room unit(s) Central system	72	259	50	156 6	•••	165 -	94 5	55 7	473 23	20 6	268	275 13	102 6	592 11
														}
All occupied housing units	1 308	2 648	926	1 820		1 286	878	263	3 180	358	1 846	1 406	473	2 493
YEAR MOVED INTO UNIT	:													
1968 to March 1970	349 213	722 473	479 159	520 407	•••	511 156	84 106	75 65	762 679	117 82	606 299	291 226	151 81 47	568 399 416
1960 to 1964 1950 to 1959 1949 or earlier	188 259 299	372 413 668	124 61 103	277 268 348	•••	172 248 199	156 326 206	50 45 28	586 570 583	70 38 51	319 295 327	354 348 187	79 115	604 506
AUTOMOBILES AVAILABLE		440		3-12	•••	.,,	200	20	200	٠.	0			l
]	642	1 628	353	964		757	449	78	1 794	129	1 204	660	308 81	1 339 740
2 3 or more None	149 13 504	389 50 581	49 5 519	342 34 480	***	251 30 248	325 66 38	142 35 8	765 178 443	48  181	199 45 398	587 88 71	22 62	109 305
GROSS RENT			•			_,6	~	· ·	4.5		• • •			
Specified renter accupied units Less than \$40	876 21	1 330	800 23	1 059		699	104	25	1 166 8	326	1 099	166	211	836
\$40 to \$59 \$60 to \$79	84 285	68 233	183 165	78 212		6 10 98	18	- 5	129 110	64 101	44 228	25	16 20	67 93
\$80 to \$99 \$100 to \$149	262 189	389 597	173 244	384 296	• • •	189 230	28 19	14	280 462	83 61	297 468	19 68	49 87 35	155 301 121
\$150 to \$199 \$200 to \$249 \$250 or more	10	28	12	40 6	•••	132	12	<u>6</u>	142	_	46	21 27		33
No cash rentMedian	20 \$83	15 <b>\$98</b>	\$83	37 <b>\$9</b> 2	•••	34 \$105	23 \$97	\$ <del>9</del> 2	35 \$103	10 \$77	16 \$98	\$119	\$107	47 \$111
GROSS RENT AS PERCENTAGE OF INCOME BY INCOME														
Specified renter occupied units1	876	1 330	800	1 059		699	104	25	1 166	326	1 099	166	211 62	836 316
Less than \$5,000 Less than 20 percent 20 to 24 percent	27	495 29 49	<b>473</b> 17 47	447 23 28	• • •	258 30 12	36	11	418 21 13	195 7 25	419 16 58	57 7	15	10 31
25 to 34 percent	58 253	89 301	85 294	119 231	•••	27 155	17	6 5	68 265	30 123	99 227	13 31	4 39	157
Not computed	38 35.0+	27 35.0+	30 4 35.0	46 35,0+	•••	34 35.0 +	12		51 35.0 +	10 35.0+	19 35.0+	6 35.0 +	35.0+	35.0+
\$5,000 to \$9,999 Less than 20 percent	185	505 400	274 215	410 322	•••	249 144	42 18	8	450 341	81 46	459 335	60 26	93 68	267 126
20 to 24 percent25 to 34 percent	27 10	80 25	18 41	70 6	***	45 27	13	_	44 47	13 17	94 26	11 23	20	79 34 16
35 percent or more	9	16.6	- 15.2	6 6 16.3		15 18 18,3	- 5 20.4	-	8 10	5	16.6	21.8	5 16.0	12 20.1
\$10,000 to \$14,999	194	264	15.2	139		160	20.4	6	16.5 224	16.0 31	154	30	51	164
25 percent or more	] =	_	=	7		7	-	-	6	_	4	-	13,1	10 15.2
\$15,000 or more	43	11.8	10.0	10.0	•••	12.6 32	•••		12.6	10.0~ 19	10.1 67	13.6 19	13.1	89
25 percent or more Not computed	5	5	-	-	•••	4	-	[ -	5	-	- 5	-	-	-
Median	10,0-	10.0-		10.0		10.0			10.0—		10.0 -	•••		10.0-

Excludes one-family homes on 10 acres or more.

Table H-2. Structural, Equipment, and Financial Characteristics of Housing Units: 1970—Continued

	Balance of SN	SA in	Adjacent tract in	e for derived figures (percent, median, etc.) and meaning of symbols, see texts  Adjacent tracts in Worcester County									
Census Tracts	Worcester Co Tract 7081	Tract 7121	Middlesex County  Tract 3001	Tract 7001	Tract 7011	Tract 7021	Tract 7031	Tract 7041	Tract 7051	Troct 7061	Tract 7071		
			703	1 074	2 156	1 331	1 520	2 041	1 684	442	1 127		
All year-round housing units	1 348	2 240	755	,									
NITS IN STRUCTURE	1 222	2 078	651	914	1 233	944 236	628 428	1 611 245	1 292 289	406 24	752 220 100		
includes mobile home or trailer)	1 232 83 17	139	31 21	103 25 32	497 269 152	108 43	197 267	116 69	71 32	12	55		
or mare	16	9	=	32 -	5	_	-	-	-	-	_		
AR STRUCTURE BUILT							Á	10	21	14	9		
69 to March 1970		53 175	5 94	.5 68	21 110 112	17 37 26	25 19	54 85	66 89	39 16	41 53 165		
65 to 1968 60 to 1964 50 to 1959	160	220 781	25 121	89 107	137	217 155	89 57	230 212	267 227	60 39 274	82 77		
40 to 1949 39 or earlier	277	347 664	159 299	140 665	1 679	879	1 326	1 450	1 014	2/4			
EATING EQUIPMENT							200	978	972	218	78		
eam or hot water		1 179 786	234 342	588 320 39	971 576	697 413	992 269 34	687 46	431 11	129 9	13		
arm air furnace	. 57	98 47	17 21	36	168 30	48 5 168	23 202	36 294	35 235	11 75	2 16		
or, wall, or pipeless furnaceher means or not heated		130	89	91	411	100	202		·				
ASEMENT				D.40	1 968	1 258	1 485	1 820	1 552	365 329	1 09		
ll units with basement		1 741 1 605	615 569	949 795	1 116	876	609	1 407	1 165	327			
ELECTED EQUIPMENT						015	188	395	271	48	23		
/ith more than   bothroom		577 1 411	175 51	243 737	420 1 922 1 331	215 1 062 1 030	1 499 1 492	1 196 999	1 423 153	13	1 00 1 00		
Vith public sewer	_ 60	102 225	32	61 44	1 331 106 106	155 149	105 87	247 224	64 59	15 15	:		
Room Unit(s) Central system	_[ 6]	202 23	26 6	39 5	-	6	18	23	5	_			
•							1 470	1 874	1 639	395	1 0		
All occupied housing units	1 295	2 202	624	1 021	2 011	1 294	1 370	1 474	,				
EAR MOVED INTO UNIT				017	488	238	333	325	238	86 40	1		
968 to March 1970965 to 1967	240 195	497 374	1 122	217 172 141	314 323	110 120	253 177	362 242	228 277 375	73 97	· j		
960 to 1964 950 to 1959	236 384	377 619	123	216 275	408 478	380 446	248 359	410 535	521	ģģ	2		
949 or earlier		33	143	1									
AUTOMOBILES AVAILABLE		1 11:	321	517	1 175	766	729 231	) 033 553	968 483	190 137			
	505	899 14	214	376 61	393 51	288 67 173	27 383	87 201	55 133	37 31	1		
3 or more		5	3 29	67	392	173	302						
GROSS RENT			7 64	178	678	297	640	379 7	257 5	51	:		
Specified center occupied unitsess than \$40	) -	24	7 6	8	13 103	5 7	35 72 214	54	13 73	6			
640 to \$59		2	3 3	21 14	127 210	69 95 82	183 111	72 99 86	72 39	20 6			
80 to \$99 \$100 to \$149 \$150 to \$199	52	9	16	61	167 37 4	7	4 3	-	7	=			
\$200 to \$249 \$250 or more	-		6 - 27	10	17	32	18	6 55	48	19 \$85			
Vo cash rent		\$12		\$115	\$88	\$91	\$79	\$85	\$83	400			
BROSS RENT AS PERCENTAGE OF INCOME													
Specified renter occupied units	150	24	64 58	178	<b>678</b> 332	297 105	640 291	<b>379</b> 189 6	257 85	51 6 -			
Less than \$5,000Ess than 20 percent		•		_	19 28	14 13	45 21 103	6 47	11 18	-			
20 to 24 percent	.=		14 5 14 -	. [ 17	59 210	5 65 8	97 25	89 41	26 30	- 6			
35 percent or more	20		30   6	20	16 35.0+	35.0+	31.5	35.0+	34.2	-	35		
Median55,000 to \$9,999	61	1	10 43		243 195	105 88	214 191	118 83	123 97 8	31 12 6			
Less than 20 percent	22		40 ~	. 13	28 15	=	15 4	12 6	<u> </u>	_			
25 to 34 percent35 percent or more			5	12	5	17	4	17 16 1	6	13			
Not computed	'8	21	15.5	17.2	15.9	14.4	13.6 106	16.1 56		14			
\$10,000 to \$14,999	49		69	- [	82	76 - 7	-	4	6	-			
25 percent or more	1	1	1.9	16.1	10.9	10.0_	10.0-	10.0-	10.0-	•••			
Median			10	12	21	11	29	16 	-	-			
25 percent or more	-		= :	12	-		10.0-			=			
Median			<u> </u>	1									

<sup>&</sup>lt;sup>1</sup>Excludes one-family homes on 10 acres or more.

Table H-2. Structural, Equipment, and Financial Characteristics of Housing Units: 1970—Continued

ŗ	or symbols, s	ou laxij	<u></u> _								
Census Tracts						Worcester Cour				Y	F-101
	7ract 7072	Tract 7073	Tract 7074	Tract 7075	Tract 7131	Tract 7141	Tract 7142	Tract 7151	Tract 7161	Tract 7162	Troct 7163
All year-round housing units	793	1 868	1 544	1 164	1 661	1 362	868	559	1 904	1 087	1 405
UNITS IN STRUCTURE											. 1
] (includes mobile home or trailer)	140	472	811	776	1 148	188	722	504	1 108	465 327	430
3 and 4	235 285	410 490	391 277	106 156	147 157	242 17	99 43	27 28	364 268	219	349 249
5 to 49	133	496 -	65	111 15	209	915 ~	4 -	_	159 5	76 -	377
YEAR STRUCTURE BUILT											1
1969 to March 1970	-	5 19	4 49	24 146	55 182	106	42 134	66 55	27 128	_ 21	16
1960 to 1964	<del>-</del>	47 102	77 165	79 121	211 259	741 390	112 166	87 62	134 281	5 64	16 66 76
1940 to 1949	13 780	124 1 571	134 1 115	77 717	142 812	27 98	16 398	56 233	77 1 257	61 936	1 183
HEATING EQUIPMENT	, 50	. 3/.	1 113	,	0.2	,,			, 22.		
Steam or hot water	<b>497</b> 57	1 009 118	944 198	847 170	984 309	87 1 214	622 207	304 157	1 221 299	607 223	831 236
Warm air furnaceBuilt-in electric units	_	21	35	98	138	11	19	48 11	85 27	11	45 22 271
Floor, wall, or pipeless furnace Other means or not heated	233	714	11 356	49	34 196	50	17 3	39	272	241	271
BASEMENT											
All units with basementOne-family houses with basement	772 135	1 805 441	1 492 764	1 090 759	1 518 1 071	87 52	788 652	499 444	1 710 1 002	1 024 422	1 309
SELECTED EQUIPMENT			<b>.</b>		***	***	100	400	280	107	239
With more than 1 bathroomWith public water supply	101 799	182 1 834	244 1 486	374 1 092	582 1 520	739 1 355	492 50 5	230 6 14	1 880 1 702	1 087	1 405 1 398
With public sewer With air conditioning	799 19	1 819 66	1 419 108	1 036 77 68	269 209	1 343 216 176	103 103	43	265 256	115	160
Room unit(s)Central system	19	52 14	100 8	9	184 25	40	103	36 7	250	14	-
All occupied housing units	784	1 755	1 527	1 138	1 597	1 343	825	522	1 846	1 040	1 343
YEAR MOVED INTO UNIT				047	.70	1.0/5		100	415	240	411
1968 to March 1970	246 98	480 319	318 276	277 252	479 346	1 265 72	280 158	183 91	415 252 307	148 142	203 200
1960 to 1964	165 118	249 272	229 303	173 207 229	259 268	6	82 186 119	80 50 118	331 541	214 296	188 341
1949 or earlier	157	435	401	227	245	-	117	110	541	2,-	
AUTOMOBILES AVAILABLE	506	859	1 008	616	849	1 087	264	271	1 116	551	638
3 or more	54 43	210 60	282 35	367 41	521 70	249	455 99	169 51	417 49	316 10	638 282 30
None	181	626	202	114	157	7	7	31	264	163	393
GROSS RENT								••	489	447	778
Specified renter occupied units	. 10	1 <b>029</b> 33	500	<b>397</b> 7	536 8	1 339	147 -	88 	<b>653</b> 5 58	13	190
\$40 to \$59'	96	111 328	33 151	70 55 87	49 66	5	10	27	154 141	21 153	189
\$80 to \$79	120	346 201	141 119	128	147 135 59	257	11 59 38	30 14	193 43	210 28	198 46
\$150 to \$199 \$200 to \$249	.  -	10	10	37 3	24	10 -	7	11		=	-1
\$250 or more		\$82	46 \$85	6 4 \$95	5 43 <b>\$</b> 97	1 067 \$113	10 12 \$128	6 \$131	54 \$89	13 \$104	25 \$80
GROSS RENT AS PERCENTAGE OF INCOME BY INCOME	. , , ,	φ02	<b>ф03</b>	473	Ψ,,	<b>Ģ113</b>	<b>\$120</b>	φιστ		•	
Specified renter occupied units:		1 029	500	397	536	1 339	147	88	653	<b>447</b> 87	778 302
Less than \$5,000Less than 20 percent	. 23	457 54	146 11	176 6	206 23	198	25	11	165 17	. 87 9 4	34 32
20 to 24 percent25 to 34 percent	_ 15	84 98	25 36	16 39	9 23	28	.=	-	11 26	24	76 148
35 percent or more	_[ 16	205 16	58 16	96 19	126 25	17 153	15 10	5 6	75 36	46 4 35.0+	35,0+
Median	}	33.4	33.1	35.0+	35.0+	33.0	 E7	43	35,0 + 262	33.0+ 226	293
\$5,000 to \$9,999	. 160	385 338	209 184	136 112	188 103 52	803 80	57 26 8	43 24 6	185 30	163 29	210 29
20 to 24 percent	.  -	41 6	5 5	14	18	50 25	8 14 9	13	27	28	43
35 percent or more Not computed	-	14.8	5 10 14.0	6 17.5	10 5 19.1	648 19.8	21.6	19.3	20 15.7	6 15.7	11 15.3
Median\$10,000 to \$14,999		114	14.0 118	62	117	222	37	23	168	117	133
25 percent or more	-1 -	-	20	- 02	13	184	. 7	5	5 14	7	7
Median	10.0	10.7	10.2	12.7	12.1	12.9	15.0	• • • •	10.3	12.3	10.4
\$15,000 or more25 percent or more	<u>.</u> .	73	27	23	25	116	28	11	58	17	50
Not computed Median	_ 6	10.0-		-	15.5	91 10.0 <i></i> -	17.1		10.0-	-	10.0

Excludes one-family homes on 10 ocres or more.

Table H-3. Occupancy, Utilization, and Financial Characteristics of Housing Units With Negro Head of Household:

[For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

Census Tracts With				Part in Worce	ster County		Adjacent tract in Warcester County
400 or More Negro Population	Total SMSA	Part in Middlesex County	Total	Fitchburg	Leominster	Balance	Tract 7141
All occupied housing units	257	75	182	103	72	7	150
TENURE AND PLUMBING							
Owner occupied With all plumbing facilities Renter occupied With all plumbing facilities	79 76 178 174	40 39 35 35	39 37 143 139	11 11 92 90	24 23 48 46	 3	150 149
ROOMS							
1 room	4 8 110 109 26 4.6	1 1 21 47 5 5.1	3 7 89 62 21 4.4	1 3 56 35 8 4.3	2 4 31 24 11 4.4	- 2 3 2 5.8	2 49 97 2 4.8
PERSONS							
l person	40 96 72 49 3.3	7 30 25 13 3.5	33 66 47 36 3.3	15 38 33 17 3.4 2	18 25 12 17 3.0	3 2 2 4.0 1	54 61 34 4.0
PERSONS PER ROOM							
1.00 or less	216 32 9 40	65 6 4 10	151 26 5 30	81 19 3 21	63 7 2 9	7  - -	109 32 9 41
VALUE							_
Specified owner occupied units:  \$5,000 to \$9,999 \$10,000 to \$14,999 \$15,000 to \$19,999 \$20,000 to \$34,999 \$35,000 or more  Median	58 1 3 15 27 11 1 1 \$16 900	30 1 3 7 15 3 1 \$17 000	28 - 8 12 8 *16 900	\$15 800	16 - - 3 8 5 - \$18 100		-
CONTRACT RENT					48		61
Specified renter occupied units? Median	156 \$80		1 <b>43</b> \$78	92 \$79	\$76	111	\$111

Limited to one-family homes on less than 10 acres and no business on property. 2Excludes one-family homes on 10 acres or more and all "no cash rent" units.

Table H-4. Structural, Equipment, and Financial Characteristics of Housing Units With Negro Head of Household:

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text

Census Tracts With			Part in Worcester County				Adjacent tract in Worcester County
400 or More Negro Population	Total SMSA	Part in Middlesex County	Total	Fitchburg	Leominster	Balance	Tract 7141
All accupied housing units	214	62	152	102	50	_	156
UNITS IN STRUCTURE 1 (includes mobile home or trailer) 2 to 4 5 ar more	65 66 83	45 - 17	20 66 66	6 41 55	14 25 11	=======================================	21 135
YEAR STRUCTURE BUILT 1960 to March 1970	39° 37 138	25 26 11	14 11 127	5 6 91	9 5 36	<u>-</u> -	95 57 4
SELECTED EQUIPMENT With air canditioning. With more than 1 bathroom With central or built-in heating system With public water supply With public sewer With outomobile(s) available	26 22 140 202 178 151 114	26 15 . 62 . 35 17 . 57 . 33 . 24	7 78 167 161 94 81 13	7 50 115 115 69 62 7	28 28 52 46 25 19	- - - - - - -	\$5 70 146 160 155 160 130 30
YEAR MOVED INTO UNIT 1968 to Morch 1970	. 77	25 32	99 45 23	80 25 10	19 20 13	 -	155 5
GROSS RENT Specified renter occupied units*  Less than \$40 \$40 to \$59 \$60 to \$79 \$80 to \$99 \$100 to \$144 \$150 to \$199 \$200 or more Median	5 19 32 62		118 -5 19 32 62 - - - \$105	92 -5 14 15 58 - - - \$121	26 - - 5 17 4 - - - \$85	-	156 - - - - - - - - - - - - - - - 17
GROSS RENT AS PERCENTAGE OF INCOME BY INCOME Less than \$10,000. 25 percent or more 35 percent or more Not computed	. 53 - 33		92 53 33 28.5	72 44 28 - 30.0	20 9 5 -	-	116 \S 11 58 19.6

Excludes one-family homes on 10 ocres or more.

Table H-5. Characteristics of Housing Units With Household Head of Spanish Language: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

Census Tracts With	oata based on sample, s	see text. For minimum	base for derived figures (p	percent, median, etc.) ar Part in Worcester		ee text1	Adjacent tract in Worcester County
400 or More Persons of Spanish Language	Total SMSA	Part in Middlesex County	Total	Fitchburg	Leominster	Balance	Tract 7141
All occupied housing units	233	44	189	28	148	13	82
TENURE AND PLUMBING	100						
Owner occupied	43 43 190 183		37 37 152 145	. 6 .22 	18 130 123	13  - -	82 82
ROOMS						:	_
1 room	- 26 109 74 24	- 30 8 6	26 79 66 18		26 64 53 5	•••	18 64 —
UNITS IN STRUCTURE					25		6
1 (includes mobile home or trailer) 2 to 4 5 or more	66 54 113	22 8 14	44 46 99	•••	31 92	•••	14 62
YEAR STRUCTURE BUILT					12		34
1960 to March 1970	40 12 181	28 - 16	12 12 165	•••	130	• • •	43 5
PERSONS					7		-
1 person	15 111 67 40 3.3	31 6 7 2.9	15 80 61 33 3.5		66 48 27 3.5 7	•••	25 31 26 4.9
PERSONS PER ROOM							56
1.00 or less	175 24 34 58	37 7 7	138 24 27 51	•••	97 24 27 51	•••	26 - 26
YEAR MOVED INTO UNIT					100		82
1968 to March 1970 1960 to 1967 1959 ar earlier	158 55 20	38 6 -	120 49 20	:::	36 12	• • •	-
SELECTED EQUIPMENT		,	18	•••	18		14
With oir conditioning With more than I bathroom With central or built-in heating system With public water supply With public sewer With automobile(s) available 1 2 or more	24 24 161 213 200 158 121 37	133 37 30 30 44 38 6	11 124 183 170 114 83 31		5 83 148 148 81 62 19	•••	61 82 82 82 82 82 82 13
VALUE			<b></b>		***	,	-
Specified owner occupied units	- - 19 7		37 _ 19 7 5 6 \$14 900			•••	
GROSS RENT							
Specified renter eccupied units2	7 55 85 28	::: ::: ::: :::	152 		130  7 33 62 28  \$116		-  -
CONTRACT RENT			120		130		82
Specified renter accupied units <sup>1</sup>	182 \$86		1 <b>52</b> \$84	•••	\$84		
GROSS RENT AS PERCENTAGE OF INCOME BY INCOME			315		98		_ 57
Less than \$10,000	36 16 14	•••	113 28 16 7 19.5	•••	20 8 7 18.8		7 - - 45

\*Limited to one-family homes on less than 10 acres and no business on property. 2Excludes one-family homes on 10 acres or more. 2Excludes one-family homes on 10 acres or more and all "no cash rent" units.

### Appendix A.—AREA CLASSIFICATIONS

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Description of tracted area	App-1
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#### **CENSUS TRACTS**

Definition of census tract.-Census tracts are small areas into which large cities and adjacent areas have been divided for statistical purposes. Tract boundaries were established cooperatively by a local committee and the Bureau of the Census. Tracts were generally designed to be relatively uniform with respect to population characteristics, economic status, and living conditions. The average tract has about 4,000 residents. boundaries are established with the intention of being maintained over a long time so that comparisons may be made from census to census.

In the decennial censuses, the Bureau of the Census tabulates population and housing information for each census tract. The practice of local agencies to tabulate locally collected data by tracts has increased the value of census tract data in many areas.

Tracts are generally numbered in a consecutive series, with separate series for the central city and for each county. Insofar as possible, the numbers are consecutive within each city, community, township, and the like. In these tables, tracts which contain no population and no housing units are not listed. Tracts populated only by crews of vessels are identified by the tract number suffix "99."

Historical background.—The concept of census tracts was originated by the late Dr. Walter Laidlaw in New York City in 1906. He was convinced of the need for data for homogeneous subdivisions of cities as a basis for studying neighborhoods smaller than boroughs or wards. At his request. the Bureau of the Census tabulated census tract data from the 1910 census for New York and seven other cities with a population of over 500,000. Tract data were again tabulated for the same 8 cities in 1920, and in 1930 this number was increased to 18. In 1940, tract data were tabulated for 60 cities, some with adjacent tracted areas; and, beginning in 1940, housing data were added to the population data in the tract reports. In . 1950, final reports were published for 64 tracted areas, many of which included statistics for two or more large cities. By 1960, the program had expanded to include reports for 180 tracted areas (of which 3 were in Puerto Rico).

Tract statistics from the 1970 census are published for 241 areas, 238 in the United States and 3 in the Commonwealth of Puerto Rico. All of these tracted areas are standard metropolitan statistical areas (SMSA's). The goal of extending the census tract program to all SMSA's was achieved in the 1970 census except for six areas that were designated as SMSA's on the basis of the 1970 census count and had not been tracted.

Much of the credit for the growing interest in tract data belongs to the late Howard Whipple Green of Cleveland. He aroused the interest of research workers in numerous cities in the potential usefulness of tract statistics for the analysis of sociological, marketing, and administrative

problems. In his capacity as Chairman of the Committee on Census Enumeration Areas of the American Statistical Association for 25 years, he accepted the responsibility for appointing a Census Tract Key Person in each area where tracts were established, for providing guidance on delineating and maintaining census tracts, and for maintaining a census tract library. These duties were assumed by the Bureau of the Census in 1955. However, the Census Bureau no longer appoints Census Tract Key Persons. They are selected by the local census tract committees.

For a further discussion of census tract data and their uses, see U.S. Bureau of the Census, Census Tract Manual, Fifth Edition, 1966, Government Printing Office, Washington, D.C. 20402.

Description of tracted area.—The map included in this report identifies the boundaries of the area for which the tract statistics are presented. The map also identifies the location and number of each tract and, when appropriate, the limits of cities, townships, counties, or other subdivisions of the tracted area. Boundaries of the tracted area generally constitute a standard metropolitan statistical area (SMSA). A few, however, include the SMSA plus an adjoining area outside it. These are designated as including the adjacent area, and the map covers the tracts in the adjacent area as well as those in the SMSA itself.

Comparability from census to census.—
One of the principles followed in relation to census tracts is to preserve comparability from census to census. Keeping tract boundaries unchanged makes possible the study of changes

in social and economic characteristics of neighborhoods. There are. nonetheless, several situations where boundaries of individual tracts are changed. For example, it is sometimes necessary to change the boundaries of tracts to add small areas annexed to a city. Similarly, changes in tract boundaries occur when territory is detached from a city or separately incorporated. Changes may also occur in physical features that are used as tract boundaries, such as street or highway relocations. The census tract limits are changed to conform with the revised feature or to follow another nearby visible feature. Census tracts with very large increases in population are subdivided into two or more smaller tracts. On the other hand, a re-examination of the existing tract boundaries may result in modifications of boundaries to provide larger or more homogeneous units. Tables A and B, showing the comparability of tracts between 1960 and 1970, appear at the end of the Introduction.

#### STANDARD METROPOLITAN STATISTICAL AREAS

The Bureau of the Census recognizes 243 standard metropolitan statistical areas (SMSA's) in the United States and 4 in Puerto Rico, making a total of 247 in the 1970 census, These include the 231 SMSA's as defined and named in the Bureau of the Budget publication, Standard Metropolitan Statistical Areas: 1967, U.S. Government Printing Office, Washington, D.C. 20402. Since 1967, 16 SMSA's have been added, of which two were defined in January 1968 and an additional 14 were defined in February 1971 on the basis of the results of the 1970 census. Changes in SMSA boundaries or titles made after February 1971 are not recognized in this series of reports. SMSA's are defined by the Office of Management and Budget (formerly Bureau of the Budget).

Except in the New England States, a standard metropolitan statistical area

is a county or group of contiguous counties which contains at least one city of 50,000 inhabitants or more, or "twin cities" with a combined population of at least 50,000. In addition to the county or counties containing such a city or cities, contiguous counties are included in an SMSA if, according to certain criteria, they are socially and economically integrated with the central city. In the New England States, SMSA's consist of towns and cities instead of counties. In recent years, four cities (High Point, N.C., Macon, Ga., Oklahoma City, Okla., and Sioux Falls, S. Dak.) have annexed territory which lies outside the boundaries of the SMSA. The figures shown in the tables for these cities exclude the portions which lie outside the SMSA. Each SMSA must include at least one central city, and the complete title of an SMSA identifies the central city or cities. For a detailed description of the criteria used in defining SMSA's, see the Bureau of the Budget publication cited above.

### Appendix B.—DEFINITIONS AND EXPLANATIONS OF SUBJECT CHARACTERISTICS

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#### GENERAL

Facsimiles of the census questions and more complete definitions of the subject characteristics may be found in the 1970 Population Census PC(1)-C reports for population items and in the 1970 Housing Census HC(1)-B reports for housing items.

Certain characteristics defined here appear in both the population and the housing tables. Definitions for such characteristics are presented only once, in the section "Population Characteristics" or in the section "Housing Characteristics," depending on the nature of the subject (except for "group quarters," which appears in both sections).

## POPULATION CHARACTERISTICS

Age.—The age classification is based on the age of the person in completed years as of April 1, 1970, and was determined from the reply to questions on age and on month and year of birth.

Race.—Data are shown for two racial categories, white and Negro. The

category "white" includes persons who indicated their race as white, as well as persons who did not classify themselves in one of the specific race categories on the questionnaire but entered Mexican, Puerto Rican, or a response suggesting Indo-European stock. The category "Negro" includes persons who indicated their race as Negro or Black, as well as persons who did not classify themselves in one of the specific race categories on the questionnaire but who had such entries as Jamaican, Trinidadian, West Indian, Haitian, and Ethiopian. All other racial categories, such as American Indian, Japanese, and Chinese, are included in the total but not shown separately. The classification by race shown for occupied housing units refers to the race of the head of the household occupying the unit.

Differences in the statistics on race in tables P-1, H-1, and H-3, containing 100-percent data, and tables P-5, P-6, and H-4, containing sample data, are due partly to the manual editing of the sample questionnaires. Many persons who reported their race as "Other" on the questionnaire also supplied a write-in entry that indicated the proper race classification should have been one of the specific race categories, e.g., white, Negro, etc. While the field edit procedures included a review of such entries on all questionnaires before the 100-percent data were tabulated, manual editing of the sample questionnaires after the 100-percent data were tabulated resulted in some further changes in classification by race.

Nativity, parentage, and country of origin.—The category "native" comprises persons born in the United

States, the Commonwealth of Puerto Rico or an outlying area of the United States, or at sea. Also included in this category is the small number of persons who, although they were born in a foreign country, have at least one native American parent. The category "foreign-born" includes all persons not classified as native. The category "native of native parentage" comprises native persons both of whose parents are also natives of the United States. "Native of foreign or mixed parentage" comprises native persons one or both of whose parents are foreign born.

The category "foreign stock" includes the foreign-born population and the native population of foreign or mixed parentage. In this report, persons of foreign stock are classified according to their country of origin. Natives of foreign parentage whose parents were born in different countries are classified according to the country of birth of the father. Natives of mixed parentage are classified according to the country of birth of the foreign-born parent.

Spanish heritage. - In the census tract reports, separate tables are presented for the population of Spanish heritage, which is variously identified in the reports for different areas: in 42 States and the District of Columbia it is identified as "Persons of Spanish language"; in five Southwestern States, as "Persons of Spanish language or Spanish surname"; and in the Middle Atlantic States, as "Persons of Puerto Rican birth or parentage." Similarly, separate housing statistics are presented for housing units in these categories, identified on the basis of the classification of the household head occupying the unit. The specific definitions involved in identifying these population groups are given below.

Spanish language.—Persons of Spanish language comprise persons of Spanish mother tongue (see definition below) and all other persons in families in which the head or wife reported Spanish as his or her mother tongue. A housing unit is classified as occupied by persons of Spanish language if the head or his wife reported Spanish as his or her mother tongue.

Spanish surname.—In five South-western States (Arizona, California, Colorado, New Mexico, and Texas) persons with Spanish surnames are identified. Separate statistics are presented, in these States, for persons of Spanish language combined with all additional persons of Spanish surname. These additional persons are shown in the category "Other persons of Spanish surname."

Puerto Rican birth or parentage.—
The population of Puerto Rican birth or parentage includes persons born in Puerto Rico and persons born in the United States or an outlying area with one or both parents born in Puerto Rico. Statistics for this group are shown for areas in New York, New Jersey, and Pennsylvania.

Spanish mother tongue.—Mother tongue is defined as the language spoken in the person's home when he was a child.

In two tracted areas that cross State lines, Wilmington, Del.—N.J.—Md., and Texarkana, Tex.—Ark., the population of Spanish heritage in each State portion is identified, for tabula-

tion purposes, in the manner specified above for that State, and the segments for the different States are combined to form a total for the area. The term used to describe this population in tables P-7, P-8, and H-5, however, is the term applicable in the State containing the major portion of the SMSA. Thus, for the Wilmington SMSA, the term applicable in Delaware, "Persons of Spanish language," is used; and in the Texarkana SMSA the term applicable in Texas, "Persons of Spanish language or Spanish surname," is used.

Household.—A household includes all the persons who occupy a group of rooms or a single room which constitutes a housing unit (see definition of housing unit, below). The average population per household is obtained by dividing the population in households by the number of household heads.

The population per household for Negroes and persons of Spanish heritage, shown in tables P-5 and P-7, may not in all cases be a true representation of the household size for these groups. For example, some persons of a given group may be roomers or domestic employees living with household heads of a different ethnic classification.

Relationship to head of household.— Four categories of relationship to head of household are recognized in this report:

 Head of household.—One person in each household is designated as the "head," that is, the person who is regarded as the head by the members of the household. However, if a married woman living with her husband was reported as the head, her husband was considered the head for the purpose of simplifying the tabulations. Two types of household heads are distinguished — the head of a family and a primary individual. A family head is a household head living with one or more persons related to him by blood, marriage, or adoption. A primary individual is a household head living alone or with nonrelatives only.

- 2. Wife of head. A woman married to and living with a household head, including women in common-law marriages as well as women in formal marriages. In table P-1, which is based on 100-percent tabulations, the number of wives is the same as the number of "husband-wife households" and the number of "husbandwife families." In tables P-5 and P-7, which are based on a sample and are limited to a specific ethnic group, the numbers may differ, because of minor differences in the weighting of the data and because a husband and wife do not always have the same ethnic classification.
- Other relative of head.—All persons related to the head of the household by blood, marriage, or adoption except "wife of head."
- 4. Not related to head.—All persons in the household not related to the head by blood, marriage, or adoption. Roomers, boarders, lodgers, partners, resident employees, wards, and foster children are included in this category.

Group quarters.—Persons in living arrangements other than households are classified by the Bureau of the Census as living in group quarters. Group quarters are located most frequently in institutions, rooming houses, military

barracks, college dormitories, fraternity and sorority houses, hospitals, monasteries, convents, and ships. A house or apartment is considered group quarters if it is shared by the person in charge and five or more persons unrelated to him, or, if there is no person in charge, by six or more unrelated persons.

Inmate of institution.—Inmates of institutions are persons under care or custody at the time of enumeration in homes, schools, hospitals or wards for juveniles, the physically handicapped, or the mentally handicapped; homes or hospitals for mental, tuberculosis, or other chronic disease patients; homes for unwed mothers; nursing, convalescent, and rest homes; homes for the aged and dependent; and correctional institutions.

Family.-According to 1970 census definitions, a family consists of a household head and one or more other persons living in the same household who are related to the head by blood, marriage, or adoption; all persons in a household who are related to the head are regarded as members of his (her) family. A "husband-wife family" is a family in which the head and his wife are enumerated as members of the same household. Not all households contain families, because a household may be composed of a group of unrelated persons or one person living alone. The mean size of family is derived by dividing the number of persons in families by the total number of families.

Own children and related children.— This report shows statistics on families by presence of "own" children and "related" children of specified ages. A child under 18 years old is defined as an "own child" if he or she is a single (never married) son, daughter, stepchild, or adopted child. The number of children "living with both parents" includes stepchildren and adopted children as well as sons and daughters born to the couple. "Related children" in a family include all persons under 18 related to the head except "wife of head." The "mean number of related children" is derived by dividing the total number of related children of the specified age in families by the number of families having children of that age. In table P-1 the number of own children under 18 years of age is divided by "persons under 18 years" to obtain the "percent of total under 18 years."

Unrelated individuals.—An unrelated individual, as defined in this report, may be any of the following: a household head living alone or with nonrelatives only, a household member not related to the head, or a person living in group quarters who is not an inmate of an institution.

Marital status.-The marital status classification refers to the status at the time of enumeration. Persons classified as "married" consist of those who have been married only once and those who remarried after having been widowed or divorced. Persons reported as separated (living apart because of marital discord, with or without a legal separation) are classified as a subcategory of married persons. Persons in common-law marriages are classified as married, and persons whose only marriage had been annulled are classified as never married. All persons reported as never married are shown as "single" in this report.

Children ever born.—In this report, statistics on the number of children ever born are presented for women 35 to 44 years old who have ever been married. Respondents were instructed to include children born to the woman before her present marriage, children no longer living, and children away from home, as well as children born to the woman who were still living in the home.

School enrollment.-School enrollment is shown for persons 3 to 34 years old. Persons were included as enrolled in school if they reported attending a "regular" school or college at any time between February 1, 1970, and the time of enumeration. Regular schooling is that which may advance a person toward an elementary school certificate or high school diploma, or a college, university, or professional degree. Schooling that was not obtained in a regular school and schooling from a tutor or through correspondence courses were counted only if the credits obtained were regarded as transferable to a school in the regular school system. Persons were included as enrolled in nursery school only if the school included instruction as an important and integral phase of its program. Schooling which is generally regarded as not "regular" includes that given in nursery schools which, simply provide custodial day care, in specialized vocational, trade, or business schools, in on-the-job training, and through correspondence courses.

Elementary school, as defined here, includes grades 1 to 8, and high school includes grades 9 to 12. If a person was attending a junior high school, the equivalent in terms of 8 years of elementary school and 4 years of high school was recorded. In general,

a "public" school is defined as any school which is controlled and supported primarily by a local, State, or Federal government agency.

Years of school completed.-The data on years of school completed were derived from the answers to the two questions: (a) "What is the highest grade (or year) of regular school he has ever attended?" and (b) "Did he finish the highest grade (or year) he attended?" Persons whose highest grade of attendance was in a foreign school system, or in an ungraded school whose highest level of schooling was measured by "readers," or whose training was received through a tutor were instructed to report the approximate equivalent grade in the regular United States school system. A person was reported as not having completed a given grade if he dropped out or failed to pass the last grade attended.

Residence in 1965.-Residence on April 1, 1965, is the usual place of residence five years before enumeration. The category "same house" includes all persons five years old and over who did not move during the five years as well as those who had moved but by 1970 had returned to their 1965 residence. The category "different house" includes persons who, on April 1, 1965, lived in the United States in a different house from the one they occupied on April 1, 1970, and for whom sufficient information concerning the 1965 residence was collected. These persons were subdivided into three groups according to their 1965 residence in or outside a standard metropolitan statistical area: "in central city of this SMSA," in other part of this SMSA," and "outside this SMSA." The category "abroad" includes those with residence in a foreign country or outlying area of the United States in 1965.

Reference week.—The data on employment status and place of work relate to the calendar week preceding the date on which the respondents completed their questionnaires or were interviewed by enumerators. This week is not the same for all respondents because not all persons were enumerated during the same week.

Employment status.--Employed persons comprise all civilians 16 years old and over who were either (a) "at work" — those who did any work at all as paid employees or in their own business or profession, or on their own farm, or who worked 15 hours or more as unpaid workers on a family farm or in a family business; or (b) were "with a job but not at work" - those who did not work during the reference week but had jobs or businesses from which they were temporarily absent due to illness, bad weather, industrial dispute, vacation, or other personal from reasons. Excluded employed are persons whose only activity consisted of work around the house or volunteer work for religious, charitable, and similar organizations.

Persons are classified as unemployed if they were civilians 16 years old and over and: (a) were neither "at work" nor "with a job, but not at work" during the reference week, (b) were looking for work during the past 4 weeks, and (c) were available to accept a job. Persons who did not work at all during the reference week and were waiting to be called back to a job from which they had been laid off are also included as unemployed.

The "civilian labor force" consists of persons classified as employed or unemployed in accordance with the criteria described above. The "labor force" includes all persons in the civilian labor force plus members of the Armed Forces (persons on active duty with the United States Army, Air Force, Navy, Marine Corps, or Coast Guard). All persons 16 years old and over who are not classified as members of the labor force are defined as "not in labor force." This category consists mainly of students, housewives, retired workers, seasonal workers enumerated in an "off" season who were not looking for work, inmates of institutions, disabled persons, and persons doing only incidental unpaid family work (less than 15 hours during the reference week). Of these groups, students and inmates are shown separately in selected tables.

Place of work.-Place of work refers to the geographic location at which civilians and Armed Forces personnel not on leave carried out their occupational or job activities during the reference week. For the purposes of this report, these locations were defined with respect to the boundaries of the standard metropolitan statistical area as "inside SMSA" and "outside SMSA." Locations within the SMSA, were subdivided into the central business district of the central city, the balance of that county, or, if outside that county, the specific county of the SMSA.

The central business district (CBD) is usually the downtown retail trade area of the city. As defined by the Bureau of the Census, the CBD is an area of very high land valuation characterized by a high concentration of retail business offices, theaters, hotels, and service businesses, and with a

high traffic flow. CBD's consist of one or more census tracts and have been defined only in cities with a population of 100,000 or more. In order to be counted as working in the CBD, the respondent had to give the exact address (street name and number) of his place of work. Since some respondents did not do this, the number of persons working in the CBD is usually understated by an unknown amount.

The exact address (number and street name) for the place of work was asked. Persons working at more than one job were asked to report the location of the job at which they worked the greatest number of hours during the reference week. Salesmen, deliverymen, and others who work in several places each week were requested to give the address at which they began work each day, if they reported to a central headquarters. For cases in which daily work was not begun at a central place each day, the person was asked to report the exact address of the place where he worked the most hours last week. If his employer operated in more than one location (such as a grocery store chain or public school system), the exact address of the location or branch where the respondent worked was requested. When the number or street name could not be given, the name of the building or the name of the company for which he worked was to be entered.

Means of transportation to work.— Means of transportation to work refers to the chief means of travel or type of conveyance used in traveling to and from work on the last day the respondent worked at the address given as his or her place of work. The "chief means" referred to the means of transportation covering the greatest distance if more than one means was used in daily travel. "Worked at home" was marked by a person who worked on a farm where he lived or in an office or shop in his home.

Occupation, industry, and class of worker.-The data on these three subjects in this report are for employed persons 16 years old and over and refer to the job held during the reference week. For persons employed at two or more jobs, the data refer to the job at which the person worked the greatest number of hours. The occupation and industry statistics presented here are based on the detailed systems developed for the 1970 census: see 1970 Census of Population, Classified Index of Industries and Occupations, U. S. Government Printing Office, Washington, D. C., 1971.

Income in 1969.-Information on money income received in the calendar year 1969 was requested from persons 14 years old and over. "Total income" is the algebraic sum of the amounts reported separately for wage and salary income, nonfarm net self-employment income, farm net self-employment income, Social Security or railroad retirement income, public assistance or welfare income, and all other income. The figures represent the amount of income regularly received before deductions for personal income taxes, Social Security, bond purchases, union dues, medicare deductions, etc.

"Wage or salary income" is defined as the total money earnings received for work performed as an employee at any time during the calendar year 1969. It includes wages, salary, pay from Armed Forces, commissions, tips, piece rate payments,

and cash bonuses earned. "Nonfarm net self-employment income" is defined as net money income (gross receipts minus business expenses) received from a business, professional enterprise, or partnership in which the person was engaged on his own account. "Farm net self-employment income" is defined as the net money income (gross receipts minus operating expenses) received from the operation of a farm by a person on his own account, as an owner, renter, or share-cropper.

"Social Security or railroad retirement income" includes cash receipts of Social Security pensions, survivors' benefits, permanent disability insurance payments, and special benefit payments made by the Social Security Administration (under the National old-age, survivors, disability, and health insurance programs) before deductions of health insurance premiums. "Medicare" reimbursements are not included. Cash receipts from retirement, disability, and survivors' benefit payments made by the U.S. Government under the Railroad Retirement Act are also included. "Public assistance income" includes cash receipts of payments made under the following public assistance programs: aid to families with dependent children, old-age assistance, general assistance, aid to the blind, and aid to the permanently and totally disabled. Separate payments received for hospital or other medical care are excluded from this item. "Income from all other sources" includes money income received from sources such as interest; dividends; net income (or loss) from property rentals; net receipts from roomers or boarders; veteran's payments; public or private pensions, periodic receipts from increase policies or annuities; insurance benefits; workmen's compensation cash benefits; net royalties; periodic payments from estates and trust funds; alimony or child support from persons who are not members of the household; net gambling gains; nonservice scholarships and fellowships; and money received for transportation and/or subsistence by persons participating in special governmental training programs, e.g., under the Manpower Development and Training Act.

Receipts from the following sources were not included as income: money received from the sale of property (unless the recipient was engaged in the business of selling such property); the value of income "in kind" such as food produced and consumed in the home or free living quarters; withdrawal of bank deposits; money borrowed; tax refunds; exchange of money between relatives living in the same household; gifts and lump-sum inheritances, insurance payments, and other types of lump-sum receipts.

Although the income statistics cover the calendar year 1969, the characteristics of persons and the composition of families refer to the time of enumeration (April 1, 1970). For most families, however, the income reported was received by persons who were members of the family throughout 1969.

The median income is the amount which divides the distribution into two equal groups, one having incomes above the median and the other having incomes below the median. For families and unrelated individuals the median income is based on the distribution of the total number of families and unrelated individuals, including those with no income.

The mean income is the amount obtained by dividing the total in-

come of a particular statistical universe by the number of units in that universe. Thus, mean family income is obtained by dividing total family income by the total number of families. For the six types of income the means are based on families having those types of income.

Care should be exercised in using and interpreting mean income values in the statistics for small areas or small subgroups of the population. Since the mean is strongly influenced by extreme values in the distribution, it is especially susceptible to the effects of sampling variability, misreporting, and processing errors. The median, which is not affected by extreme values, is, therefore, a better measure than the mean when the population base is small. The mean, nevertheless, is shown in this report for most small areas and small subgroups because, when weighted according to the number of cases, the means can be added to obtain summary measures for areas and groups other than those shown in this report.

Poverty status in 1969.-Families and unrelated individuals are classified as being above or below the poverty level, using the poverty index adopted by a Federal Interagency Committee in 1969. This index provides a range of income cutoffs or "poverty thresholds" adjusted to take into account such factors as family size, sex and age of the family head, the number of children, and farm-nonfarm residence. The poverty cutoffs for farm families have been set at 85 percent of the nonfarm levels. These income cutoffs are updated every year to reflect the changes in the Consumer Price Index. The poverty threshold for a nonfarm family of four was \$3,743 in 1969. For a detailed explanation of the poverty definition, see Current Population Reports, Series P-23, No. 28, "Revisions in Poverty Statistics, 1959 to 1968."

Households below the poverty level are defined as households in which the total 1969 income of the family or primary individual was below the poverty level. The incomes of persons in the household other than members of the family or the primary individual are not included when determining poverty status of a household.

The households for which poverty status is shown cannot be compared with the total number of households shown elsewhere. The former exclude those in certain types of housing units: owner-occupied units are restricted to one-family units on places of less than 10 acres and without a business on the property; and renter-occupied units exclude one-family units on places of 10 acres or more.

The "ratio of family income to poverty level" is obtained by dividing the income of a family by its corresponding poverty threshold. The "income deficit" is the difference between the total income of families and unrelated individuals below the poverty level and their respective poverty thresholds. In computing the income deficit, families reporting a net income loss are assigned zero dollars, and for such cases the income deficit is equal to the poverty threshold. The aggregate income deficit provides an estimate of the amount of money which would be required to raise the incomes of all poor families and unrelated individuals to their respective thresholds at the poverty level. The mean income deficit is the amount obtained by dividing the aggregate income deficit of a group below the poverty level by the number of families or unrelated individuals (as appropriate) in that group.

## HOUSING CHARACTERISTICS

Housing units and group quarters.— Living quarters are classified in the census as either housing units or group quarters. Usually, living quarters are in structures intended for residential use (e.g., a one-family home, apartment house, hotel or motel, boarding house, mobile home or trailer, etc.). Living quarters may also be in structures intended for nonresidential use (e.g., the rooms in a warehouse where a watchman lives), as well as in tents, caves, old railroad cars, etc.

A housing unit is a house, an apartment, a group of rooms, or a single room occupied or intended for occupancy as separate living quarters. Separate living quarters are those in which the occupants do not live and eat with any other persons in the structure and which quarters have either (1) direct access from the outside of the building or through a common hall or (2) complete kitchen facilities for the exclusive use of the occupants. The occupants may be a single family, one person living alone, two or more families living together, or any other group of related or nonrelated persons who share living arrangements (except as described in the next paragraph on group quarters). For vacant units, the criteria for separateness, direct access, and complete kitchen facilities for exclusive use are applied to the intended occupants whenever possible (or to the previous occupants if this information cannot Both occupied and be obtained). vacant housing units are included in the housing inventory, except that mobile homes, trailers, tents, etc., are included only if they are occupied.

Group quarters are living arrangements for institutional inmates or for other groups containing five or more persons not related to the person Group quarters are loin charge. cated most frequently in institutions, boarding houses, military barracks, college dormitories, fraternity and sorority houses, hospitals, monasteries, convents, and ships. A house or apartment is considered group quarters if it is shared by the person in charge and five or more persons unrelated to him, or if there is no person in charge, by six or more unrelated persons. Information on the housing characteristics of group quarters was not collected in the census.

Year-round housing units.—Data on housing characteristics are limited to year-round housing units; i.e., all occupied units plus vacant units which are intended for year-round use. Vacant units intended for seasonal occupancy and vacant units held for migratory labor are excluded because it is difficult to obtain reliable information for them. Counts of the total housing inventory, however, are given for each area presented in this report.

Occupied housing units.—A housing unit is classified as occupied if a person or group of persons is living in it at the time of enumeration or if the occupants are only temporarily absent, for example, on vacation. However, if the persons staying in the unit have their usual place of residence elsewhere the unit is classified as vacant.

Vacant housing units.—A housing unit is vacant if no one is living in it at the time of enumeration, unless its occupants are only temporarily absent. In addition, a vacant unit may be one which is occupied entirely by persons who have a usual residence elsewhere.

New units not yet occupied are enumerated as vacant housing units if construction has reached a point where all exterior windows and doors are installed and final usable floors are in place. Vacant units are excluded if unfit for human habitation because the roof, walls, windows, or doors no longer protect the interior from the elements, or if there is positive evidence (such as a sign on the house or in the block) that the unit is to be demolished or is condemned.

Vacant housing units are classified in this report as either "seasonal and migratory" (i.e., intended for seasonal occupancy or held for migratory labor) or "year-round." "Seasonal" units are intended for occupancy during only certain seasons of the year. "Migratory" units are vacant units held for occupancy by migratory labor employed in farm work during the crop season, "Year-round" vacant housing units are available or intended for occupancy at any time of the year. A unit in a resort area which is usually occupied on a year-round basis is considered year-round. A unit used only occasionally throughout the year is also considered yearround.

Year-round vacant units are subdivided as follows: "for sale only"; "for rent" which also includes vacant units offered either for rent or for sale; and "other" which includes units sold or rented but not yet occupied by the new owner or renter, units held for the occasional use of the owner, and units being held off the market for other reasons.

Tenure.—A housing unit is "owner occupied" if the owner or co-owner lives in the unit, even if it is mortgaged or not fully paid for. A cooperative or condominium unit is "owner oc-

cupied" only if the owner or coowner lives in it. All other occupied units are classified as "renter occupied," including units rented for cash rent and those occupied without payment of cash rent.

Persons.—Persons occupying the housing unit include not only occupants related to the head of the household but also any lodgers, roomers, boarders, partners, wards, foster children and resident employees who share the living quarters of the household head. The data on "persons" show the number of housing units occupied by the specified number of persons.

Units with one or more roomers, boarders, or lodgers are shown as a separate category. Not included as "roomers, boarders, or lodgers" are foster children or wards, servants who live in, companions, and partners.

Year moved into unit.—Data on year moved into unit are based on the information reported for the head of the household. The question refers to the year of latest move. Thus, if the head moved back into a unit he had previously occupied or if he moved from one apartment to another in the same building, the year he moved into his present unit was to be reported.

Complete kitchen facilities.—A unit has complete kitchen facilities when it has all three of the following for the exclusive use of the occupants of the unit: (1) An installed sink with piped water; (2) a range or cookstove; and (3) a mechanical refrigerator. All kitchen facilities must be located in the structure, although they need not be in the same room. Quarters with only portable cooking equipment are not considered as hav-

ing a range or cookstove. "Lacking complete kitchen facilities" means that the unit does not have all three specified kitchen facilities, or that they are also for the use of the occupants of other housing units.

Access.—"Access only through other living quarters" means that the occupants of a housing unit must go through someone else's living quarters to enter their own; that is, they do not have a direct entrance from the outside or through a common or public hall.

Rooms.—Rooms to be counted include whole rooms used for living purposes, such as living rooms, dining rooms, kitchens, bedrooms, finished recreation rooms, family rooms, etc. Not counted as rooms are bathrooms, porches, balconies, foyers, halls, halfrooms, kitchenettes, strip or pullman kitchens, utility rooms, unfinished attics, basements, or other space used for storage.

Persons per room.—This is computed by dividing the number of persons in the unit by the number of rooms in the unit. The figures shown, therefore, refer to the number of housing units having the specified ratio of persons per room.

Year structure built.—Year structure built refers to when the building was first constructed, not when it was remodeled, added to, or converted.

Units in structure.—In the determination of the number of units in a structure, all housing units, both occupied and vacant, were counted. The statistics are presented in terms of the number of housing units in structures of specified size, not in

terms of the number of residential structures.

A structure is a separate building that either has open space on all sides or is separated from other structures by dividing walls that extend from ground to roof.

Basement.—Statistics on basements are presented in terms of the number of housing units located in structures built with a basement, and are separately tabulated for one-family houses with basements. A structure has a basement if there is enclosed space in which persons can walk upright under all or part of the building.

Plumbing facilities.-The category "with all plumbing facilities" consists of units which have hot and cold piped water, as well as a flush toilet and a bathtub or shower inside the structure for the exclusive use of the occupants of the unit. "Lacking some or all plumbing" means that the unit does not have all three specified plumbing facilities (hot and cold piped water, as well as flush toilet and bathtub or shower inside the structure), or that the toilet or bathing facilities are also for the use of the occupants of other housing units.

Selected equipment.—Statistics are presented for the number of housing units with the following selected equipment.

With more than one bathroom.— A complete bathroom is a room with flush toilet, bathtub or shower, and wash basin with piped water. A partial or half bathroom has at least a flush toilet or bathtub (or shower), but does not have all the facilities for a complete bathroom. A housing

unit "with more than one bathroom" has, in addition to one complete bathroom, one or more partial or complete bathrooms.

With public water supply.—A public system refers to a common source supplying running water to six or more housing units. The water may be supplied by a city, county, water district, or private water company, or it may be obtained from a well which supplied six or more housing units.

With public sewer.—A "public sewer" is connected to a city, county, sanitary district, neighborhood, or subdivision sewer system. It may be operated by a government body or by a private organization. Small sewage treatment plants which in some localities are called neighborhood septic tanks are also classified as public sewers.

With air conditioning.—Air conditioning is the cooling of air by a refrigeration unit. A central system is a central installation which air-conditions the entire housing unit. A room unit is an individual air conditioner which is installed in a window or an outside wall and is generally intended to cool one room, although it may sometimes be used to cool more than one room.

Heating equipment.—The list of heating equipment refers to the type of heating equipment and not to the fuel used. "Steam or hot water" refers to a central heating system in which heat from steam or hot water is delivered through radiators or other outlets. "Warm air furnace" refers to a central system which provides warm air through ducts leading

to various rooms; central heat pumps are included in this category. "Built-in electric units" are permanently installed in the floors, walls or ceilings. A "floor, wall, or pipeless furnace" delivers warm air to the room right above the furnace or to the room(s) on one or both sides of the wall in which the furnace is installed. "Other means" includes room heaters with or without flue, fireplaces, stoves, and portable heaters of all types.

A housing unit "With central or built-in heating system" contains a steam or hot water system, a warm-air furnace, built-in electric units, or a floor, wall, or pipeless furnace.

Automobiles available.—Statistics on automobiles available represent the number of passenger automobiles, including station wagons, which are owned or regularly used by any member of the household and which are ordinarily kept at home. Taxicabs, pickups, or larger trucks were not to be counted.

Value.—Value is the respondent's estimate of how much the property (house and lot) would sell for if it were for sale. The term "specified owner-occupied units" means that the value data are limited to owner-occupied one-family houses on less than ten acres, without a commercial establishment or medical office on the property. Owner-occupied cooperatives, condominiums, mobile homes, and trailers are excluded from the value tabulations.

Mean value.—Mean value is the sum of the individual values reported, divided by the number of owner-occupied units for which value is shown. For purposes of computation, the mid-

points of the intervals were used, except that a mean value of \$3,500 was assigned to housing units in the interval "less than \$5,000" and a mean of \$60,000 was assigned to units in the interval "\$50,000 or more."

Contract rent.—Contract rent is the monthly rent agreed to, or contracted for, even if the furnishings, utilities, or services are included. The term "specified renter-occupied units" means that the contract rent data exclude one-family houses on ten acres or more. Renter units occupied without payment of cash rent are

shown separately as "no cash rent" in the rent tabulations,

Gross rent.—Monthly gross rent is the summation of contract rent plus the estimated average monthly cost of utilities (water, electricity, gas) and fuels (oil, coal, kerosene, wood, etc.), if these items are paid for by the renter, in addition to rent. Thus, gross rent is intended to eliminate individual differences which result from varying practices with respect to the inclusion of heat and utilities as part of the rental payment.

Mean gross rent.—Mean gross rent is the sum of the individual rental

amounts divided by the number of renter-occupied units, excluding one-family houses on ten acres or more.

Gross rent as percentage of income.—
The yearly gross rent (monthly gross rent multiplied by 12) is expressed as a percentage of the total income in 1969 of the family or primary individual. The percentage was computed separately for each unit and was rounded to the nearest whole number. Units for which no cash is paid and units occupied by families or primary individuals who reported no income or a net loss comprise the category "not computed."

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#### SOURCES OF ERROR

Human and mechanical errors occur in any mass statistical operation such as a decennial census. Errors during the data collection phase can include failure to obtain required information from respondents, obtaining incorrect or inconsistent information, and recording information in the wrong place or incorrectly. Errors can also occur during the field review of the enumerator's work, the clerical handling of the questionnaires, and the various stages of the electronic processing of the material. Careful efforts are made in every census to keep the errors in each step at an acceptably low level. Quality control and check measures are utilized throughout the census operation.

In the manual editing and coding operation, a sample of the work of each coder was verified, and a coder who showed consistently high error rates was retrained. A coder who still did not produce work of acceptable quality after retraining was removed from the coding operation. In addition, provision was made for correction of any work units for which the error rate exceeded a maximum level. Information on error rates will be given in later publications.

As was done for the 1950 and 1960 censuses, evaluative material on many aspects of the 1970 census will be published as soon as the appropriate data are accumulated and analyzed.

A major concern in the evaluation work is to ascertain, insofar as possible, the degree of completeness of the count of both population and housing units.

### EDITING OF UNACCEPTABLE DATA

The objective of the processing operation is to produce a set of statistics that describes the Nation's population and housing as accurately and clearly as possible. To meet this objective, certain unacceptable entries were edited.

In the field, questionnaires were reviewed for completeness by a census clerk or enumerator, and a followup was made for missing information. The major review occurred in the central processing office, where the editing and coding operation provided an opportunity to correct obvious errors in the respondents' entries for those items which required manual processing. In coding relationship to household head, for example, the clerk made use of written entries, which the computer is not able to read, in determining the correct entry where the machine readable item was blank or contained conflicting information. For a few of the items, the respondents' entries were reviewed for reasonableness or consistency on the basis of other information on the questionnaire. As a rule, however, editing was performed by hand only when it could not be done effectively by machine.

As one of the first steps in mechanical editing, the configuration of marks on the questionnaire was scanned electronically to determine whether it contained information for a person or merely spurious marks. If the

questionnaire contained entries for at least two of the basic characteristics (relationship, sex, race, age, marital status), or for at least two relevant sample characteristics, the inference was made that the marks represented a person. Names were not used as a criterion of the presence of a person because the electronic scanning was unable to distinguish between a name and any other entry in the name space.

If any characteristics for a person or housing unit were missing, they were, in most cases, supplied by allocation. Allocations, or assignments of acceptable codes in place of unacceptable entries, were needed most often where an entry for a given item was lacking or where the information reported for a person or housing unit on that item was inconsistent with other information for the person or The assignment of housing unit. acceptable codes in place of blanks or unacceptable entries, it is believed, enhances the usefulness of the data.

For housing data, the assignment was based on related information reported for the housing unit or on information reported for a similar unit in the immediate neighborhood. For example, if tenure for an occupied unit was omitted but a rental amount was reported, the computer automatically edited tenure to "rented for cash rent." The technique may also be illustrated by the procedure used in the assignment for unknown The computer stored reported ages of persons by sex, race, household relationship, and marital status. Each stored age was retained in the computer only until a person having the same set of characteristics, and with age reported was processed through the computer in the edit operation; this stored age was assigned to the next person whose age was unknown and who otherwise had the same set of specified characteristics.

The editing process also includes another type of correction; namely, the assignment of a full set of characteristics for a person. When there was indication that a housing unit was occupied but the questionnaire contained no information for any person, a previously processed household was selected as a substitute and the full set of characteristics for each substitute person was duplicated.

Specific tolerances were established for the number of computer allocations and substitutions that would be permitted. If the number of corrections was beyond tolerance, the questionnaires in which the errors occurred were clerically reviewed. If it was found that the errors resulted from damaged questionnaires, from improper microfilming, from faulty reading by FOSDIC of undamaged questionnaires, or from other types of machine failure, the questionnaires were reprocessed.

The extent of allocation for States, counties, and other areas will be shown in the allocation tables in chapters B and C of the 1970 Census of Population Volume I, Characteristics of the Population, and chapters A and B of Census of Housing Volume I, Characteristics for States, Cities, and Counties.

#### SAMPLE DESIGN

For persons living in housing units at the time of the 1970 census, the housing unit, including all its occupants, was the sampling unit; for persons in group quarters identified in advance of the census, it was the person. In nonmail areas, the enumerator canvassed his assigned area and listed all housing units in an

address register sequentially in the order in which he first visited the units whether or not he completed the interview. Every fifth line of the address register was designated as a sample line, and the housing units listed on these lines were included in the sample. Each enumerator was given a random line on which he was to start listing and the order of canvassing was indicated in advance, although the instructions allowed some latitude in the order of

visiting addresses. In mail areas, the list of housing units was prepared prior to Census Day either by employing commercial mailing lists corrected through the cooperation of the post office or by listing the units in a process similar to that used in nonmail areas, As in other areas, every fifth housing unit of these lists was designated to be in the sample. In group quarters, all persons were listed and every fifth person was selected for the sample.

TABLE C. Sample Rate for Subjects Included in This Report

[Subjects marked with an asterisk (\*) were tabulated on a 100% basis for tables P-1, H-1, and H-3. All subjects shown in the tables for persons of Spanish heritage (P-7, P-8, and H-5) were tabulated on a 15% basis. The subjects covered in the remaining tables (P-2 to P-6, H-2, and H-4) were tabulated according to the sample rates shown below]

Population subjects	Sample rate (percent)	Sample Housing subjects rate (percent)
*Sex *Race *Age *Household relationship *Family composition *Marital status Children ever born Country of origin Nativity and parentage School enrollment Years of school completed Residence in 1965 Employment status Place of work Means of transportation to Occupation Industry Class of worker Income Poverty status	20 20 20 20 15 15 20 15 20 15 20 15 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20	*All year-round housing units
		*Contract rent – Gross rent 20

This 20-percent sample was subdivided into a 15-percent and a 5percent sample by designating every fourth 20-percent sample unit as a member of the 5-percent sample. The remaining sample units became the 15-percent sample. Two types of sample questionnaires were used, one for the 5-percent and one for the 15-percent sample units. Some questions were included on both the 5percent and 15-percent sample forms and therefore appear for a sample of 20 percent of the units in the census. Other items appeared on either the 15-percent or the 5-percent questionnaires. The sample rates for the various items appearing in this report are shown in table C.

Although the sampling procedure did not automatically insure an exact 20-percent sample of persons or housing units in each locality, the sample design was unbiased if carried through according to instructions; generally for large areas the deviation from 20 percent was found to be quite small. Biases may have arisen when the enumerator failed to follow his listing and sampling instructions exactly. Quality control procedures were used throughout the census process, however, and where there was clear evidence that the sampling procedures were not properly followed, the work was returned to the field for resampling. No attempt at sampling was made for the relatively small numbers of persons and housing units (in most States, less than one percent) added to the enumeration from the post-census post office check, the various supplemental forms, and the special check of vacant units. The ratio estimation procedure described below adjusts the sample data to reflect these classes of population and housing units.

#### **RATIO ESTIMATION**

The statistics based on 1970 census sample data are estimates made through the use of ratio estimation procedures, applied separately for the 15- and 20percent samples. The first step in carrying through the ratio estimates was to establish the areas within which separate ratios were to be prepared. These are referred to as "weighting areas," A single set of weighting areas. containing a minimum population size of 2,500, was defined for use with the 15- and 20-percent samples. Weighting areas were established by mechanical operation on the computer and were defined to conform, as nearly as possible, to areas for which tabulations are produced. In general, sample estimates for a tract may be expected to agree with complete counts whenever the tract was a weighting area. However, tracts were not weighting areas whenever the population was less than 2,500 persons, where the tract was a part of more than one county subdivision or place, or where the Census procedure was not the same in all parts of the tract. In these situations, part of a tract may have been combined with other partial or complete tracts to make up a weighting area and sample estimates for an individual tract in the combination may not agree with complete counts for the tract.

Separate ratio estimation processes were used for persons and for housing units. The ratio estimation process for persons operated in three stages. The first stage employed 19 household-type groups (the first of which was empty by definition). The second stage used two groups, head of household and not head of household, and the third stage used 24 age-sex-race groups.

1	
Group	STAGE I
	Male Head With Own Children Under 18
1	1-person household
2 3	2-person household
3	3-person household
•	
6	6-or-more-person house- hold
7-12	Male Head Without Own Children Under 18 1-person to 6-or-more- person households
13-18	Female Head 1-person to 6-or-more- person households
19	Group Quarters Persons
	STAGE II
20	Head of Household
21	Not Head of Household (in- cluding persons in group quarters)
	STAGE III
22 23 24 25 26 27	Male Negro Age under 5 years 5-13 14-24 25-44 45-64 65 and older
28-33	<i>Male, Not Negro</i> Same age groups as for Male Negro
34-39	Female Negro Same age groups as for Male Negro
40-45	Female, Not Negro Same age groups as for

Male Negro

The ratio estimation process for housing operated in two stages for occupied housing units, and in one stage for vacant units. The first stage for occupied units employed 18 household-type groups (the first of which was empty by definition); the second stage for occupied units used four groups: owner and renter occupied units, by race. The single stage for vacant units employed three groups: year-round vacant for sale, year-round vacant for rent, and other vacant.

#### Occupied housing units:

Group	STAGE I
	Male Head With Own Children
	Under 18
1	1-person household
2	2-person household
3	3-person household
•	•
6	6-or-more-person house-
	hold
	Male Head Without Own
7.10	Children Under 18
7-12	1-person to 6-or-more
	person households
	Female Head
13-18	1-person to 6-or-more-
•	person households
	STAGE II
	Owner Occupied
19	Negro
20	Not Negro
	Renter Occupied
21	Negro
22	Not Negro

#### Vacant housing units:

Group	STAGE I			
23	Year-round vacant for sale			
24	Year-round vacant for rent			
25	Other vacant			

At each stage, for each of the groups, the ratio of the complete count to the weighted sample count in the group was computed and applied to the weight of each sample person or housing unit in the group. For population, this operation was performed for each of the 19 groups in the first stage, then for the two groups in the second stage and finally for the 24 groups in the third stage. For occupied housing units this was performed first for the 18 groups in the first stage and then for the 4 groups in the second stage.

As a rule, the weighted sample counts within each of the groups in the final stage should agree with the complete counts for the weighting areas. Close, although not exact, consistency can be expected for the groups in the preceding stages. There are some exceptions to this general rule, however. As indicated above. there may be differences between the complete counts and sample estimates when the tabulation area is not made up of whole weighting areas. As a result, sample estimates at the tract level may not agree with complete counts when the tract did not form a weighting area. Generally, for 15and 20-percent items, there may be such a difference whenever the population in the tract is less than 2,500 neonle. Furthermore, in order to increase the reliability, a separate ratio was not computed in a ratio estimation group whenever certain criteria pertaining to the complete counts and the magnitude of the weight were not met. For example, for the 15and 20-percent population sample the
complete count of persons in a group
had to exceed 85 persons and the ratio
of the complete count to the unweighted sample count could not exceed 20. Where these criteria were
not met, groups were combined in
a specific order until the conditions
were met. Where this occurred, consistency between the weighted sample
and the complete counts would apply
as indicated above for the combined
group but not necessarily for each of
the groups in the combination.

Each sample person or housing unit was assigned an integral weight to avoid the complications involved in rounding in the final tables. If, for example, the final weight for a group was 5.2, one-fifth of the persons or housing units in the group (selected at random) were assigned a weight of 6 and the remaining four-fifths a weight of 5.

The estimates realize some of the gains in sampling efficiency that would have resulted had the persons and housing units been stratified into the groups before sampling. The net effect is a reduction in both the sampling error and possible bias of most statistics below what would be obtained by weighting the results of the sample by a uniform factor (e.g., by weighting the 20-percent sample results by a uniform factor of 5). The reduction in sampling error will be trivial for some items and substantial for others. A by-product of this estimation procedure is that estimates for this sample are, in general, consistent with the complete count for the groups used in the estimation A more complete disprocedure. cussion of the technical aspects of these ratio estimates will be presented in a separate report.

#### SAMPLING VARIABILITY

The estimates from sample tabulations are subject to sampling variability. The standard errors of these estimates can be approximated by using the data in tables D through F. The chances are about 2 out of 3 that the difference (due to sampling variability) between the sample estimate and the figure that would have been obtained from a complete count of the population is less than the standard error. The chances are about 19 out of 20 that the difference is less than twice the standard error and about 99 out of 100 that it is less than 2½ times the standard error. The amount by which the estimated standard error must be multiplied to obtain other odds deemed more appropriate can be found in most statistical textbooks. The sampling errors may be obtained by using the factors shown in table F in conjunction with table D for absolute numbers and in conjunction with table E for percentages. In addition to sampling errors, these tables reflect the effect of simple response variance. but not of bias arising in the collection, processing and estimation steps, nor of the correlated errors enumerators introduce; estimates of the magnitude of some of these factors in the total error are being evaluated and will be published at a later date.

Table D shows approximate standard errors of estimated numbers for most statistics based on the 20-percent sample. In determining the figures for this table, some aspects of the sample design, the estimation process, and the population of the area over which the data have been compiled are ignored. Table E shows standard errors of most percentages based on

the 20-percent sample. Linear interpolation in tables D and E will provide approximate results that are satisfactory for most purposes. Table F provides a factor by which the standard errors shown in tables D or E should be multiplied to adjust for the combined effect of the sample size (i.e., whether a 20-percent or 15-percent sample) the sample design and the estimation procedure.

To estimate the standard error for a given characteristic based on the 15-percent sample, or for a more precise estimate for the 20-percent sample, locate in table F the factor applying to the characteristic and sample size used to tabulate the data and multiply this factor by the standard error found in table D or E. If the estimate is not identified in table F, use the factor shown for "all other." Where data are shown as cross-classifications of two characteristics, locate and use the larger factor. Similarly, if an item collected on a 20-percent basis has been tabulated for the 15-percent sample, use the factor appropriate for the 15-percent sample.

The standard errors estimated from these tables are not directly applicable to differences between two sample estimates. In order to estimate the standard error of a difference, the tables are to be used somewhat differently in the three following situations:

For a difference between the sample figure and one based on a complete count (e.g., arising from comparisons between 1970 sample statistics and complete-count statistics for 1960 or 1950), the standard error is identical with the standard error of the 1970 estimate alone.

- 2. For a difference between two sample figures (that is, one from 1970 and the other from 1960, or both from the same census year), the standard error is approximately the square root of the sum of the squares of the standard errors of each estimate considered separately. This formula will represent the actual standard error quite accurately for the difference between estimates of the same characteristic in two different areas, or for the difference between separate and uncorrelated characteristics in the same area. If, however, there is a high positive correlation between the two characteristics, the formula will overestimate the true standard error. The approximate standard error for the 1970 sample figure is derived directly from tables D through F. The standard error of a 25-percent 1960 sample figure may be obtained from the relevant 1960 census report or an approximate value may be obtained by multiplying the appropriate value in table D or E by 0.9.
- For a difference between two sample estimates, one of which represents a subclass of the other, the tables can be used directly, with the difference considered as the sample estimate.

The sampling variability of the medians presented in certain tables (median years of school completed, median rent, etc.) depends on the size of the base and on the distribution on which the median is based. An approximate method for measuring the reliability of an estimated median is to determine an interval about the estimated median such that there is a stated degree of confidence the true median lies

within the interval. As the first step in estimating the upper and lower limits of the interval (that is, the confidence limits) about the median, compute one-half the number on which the median is based (designated N/2). From table D, following the method outlined in other parts of this section, compute the standard error of an estimated number equal to N/2. Subtract this standard error from N/2. Cumulate the frequencies (in the table on which the median is based) until the total first exceeds the difference between N/2 and its standard error and by linear interpolation obtain a value corresponding to this number. In a corresponding manner, add the standard error to N/2, cumulate the frequencies in the table, and obtain a value in the table on which the median is based corresponding to the sum of N/2 and its standard error. The chances are about 2 out of 3 that the median would lie between these two values. The range for 19 chances out of 20 and for 99 in 100 can be computed in a similar manner by multiplying the standard error by the appropriate factors before subtracting from and adding to one-half the number reporting the characteristic. Interpolation to obtain the values corresponding to these numbers gives the confidence limits for the median.

The sampling variability of a mean, such as the number of children ever born per 1,000 women or mean income, presented in certain tables, depends on the variability of the distribution on which the mean is based, the size of the sample, the sample design, (for example, the use of house-

holds as the sampling unit), and the use of ratio estimates.

An approximation to the variability of the mean may be obtained compute the standard as follows: deviation of the distribution on which the mean is based; divide this figure by the square root of one-fifth of the total units in the distribution; multiply this quotient by the factor from table F appropriate to the statistic and the actual sample rate on If the which the mean is based. distribution is not published in the detailed tables, calculate the standard deviation from a comparable distribution for a larger area or for a similar population group; divide by the square root of one-fifth of the units on which the mean of interest is based; multiply the quotient by the factor from table F.

TABLE D. Approximate Standard Error of Estimated Number Based on 20-Percent Sample (Range of 2 chances out of 3)

Estimated number (persons or housing units)	Standard error	Estimated number (persons or housing units)	Standard error
50	20 30	1,000	60 85 100

TABLE E. Approximate Standard Error of Estimated Percentage Based on 20-Percent Sample (Range of 2 chances out of 3)

Estimated percentage	Base of percentage (persons or housing units)						
	500	1,000	2,500	5,000	10,000	15,000	
2 or 98	1.3	0.9	0.6	0.4	0.3	0.2	
5 or 95	2.0	1.4	0.9	0.6	0.4	0.4	
10 or 90	2.7	1.9	1.2	0.8	0.6	0.5	
25 or 75	3.9	2.7	1.7	1.2	0.9	0.7	
50	4.5	3.2	2.0	1.4	1.0	0.8	

TABLE F. Factor to be Applied to Standard Errors

[Subjects marked with an asterisk were tabulated on a 100% basis for tables P-1, H-1, and H-3. Standard errors are not applicable to these tables]

Population subjects <sup>1</sup>	Sample rate (percent)	Factor	Housing subjects <sup>1</sup>	Sample rate (percent)	Factor
*Race	20	1.6	*Tenure	20	0.2
*Age	20	0.8	*Rooms	20	1.0
*Household relationship	20	0.5	*Persons per room	20	0.4
*Family composition	20	0.6	*Value	20	1.0
Country of origin (including			Units in structure	20	0.8
Spanish heritage subjects)	15	1.6	Year structure built	20	0.9
Nativity and parentage	15	1.7	Heating equipment	20	0.8
School enrollment	15	1.0	Basement	20	0.9
Years of school completed	20	1.0	Source of water	15	1.0
Residence in 1965	15	2.0	Sewage disposal	15	1.0
Employment status	20	0.8	Air conditioning	15	1.1
Place of work	15	1.3	Year moved into unit	15	1.1
Means of transportation			Gross rent	20	0.9
to work	15	1.3	All other—20 percent	20	1.0
Occupation	20	1.1	-15 percent	15	1.2
Industry	20	1.1		, -	
Class of worker	20	1.1			
Income—persons	20	1.0			
—families	20	1.0			
Poverty status—persons	20	1.9			
-families	20	1.0			
All other -20 percent	20	1.0	·	,	
—15 percent	15	1.2			

<sup>&</sup>lt;sup>1</sup> Tabulations of data for persons of Spanish heritage are based on the 15-percent sample. For subjects shown in this table as based on the 20-percent sample, the factor for persons of Spanish heritage is obtained by multiplying the appropriate factor in this table by 1.2. For subjects shown as based on the 15-percent sample, the factor in this table can be used directly.

### Appendix D.—PUBLICATION AND COMPUTER SUMMARY TAPE PROGRAM

The results of the 1970 Census of Population and Housing are being issued in the form of printed reports, microfiche copies of the printed reports, computer summary tapes, computer printouts, and microfilm. Listed below are short descriptions of the final report series and computer tapes, as currently planned. More detailed information on this program can be obtained by writing to the Publications Distribution Section, Bureau of the Census, Washington, D.C. 20233.

#### **Population Census Reports**

#### Volume 1.

CHARACTERISTICS OF THE POPULATION

This volume will consist of 58 "parts"—number 1 for the United States, numbers 2 through 52 for the 50 States and the District of Columbia in alphabetical order, and numbers 53 through 58 for Puerto Rico, Guam, Virgin Islands, American Samoa, Canal Zone, and Trust Territory of the Pacific Islands, respectively. Each part, which will be a separate clothbound book, will contain four chapters designated as A, B, C, and D. Each chapter (for each of the 58 areas) will first be issued as an individual paperbound report in four series designated as PC(1)-A, B, C, and D, respectively. The 58 PC(1)-A reports will be specially assembled and issued in a clothbound book, designated as Part A.

### Series PC(1)-A. NUMBER OF INHABITANTS.

Final official population counts are presented for States, countles by urban and rural residence, standard metropolitan statistical areas (SMSA's), urbanized areas, county subdivisions, all incorporated places, and unincorporated places of 1,000 inhabitants or more.

## Series PC(1)-B. GENERAL POPULATION CHARACTERISTICS

Statistics on age, sex, race, marital status, and relationship to head of household are presented for States, counties by urban and rural residence, SMSA's, urbanized areas, county subdivisions, and places of 1,000 inhabitants or more.

## Series PC(1)-C. GENERAL, SOCIAL AND ECONOMIC CHARACTERISTICS

Statistics are presented on nativity and parentage, State or country of birth, Spanish origin, mother tongue, residence 5 years ago, year moved into present house, school enrollment (public or private), years of school completed, vocational training, number of children ever born, family composition, disability, veteran status, employment status, place of work, means of transportation to work, occupation group, industry group, class of worker, and income (by type) in 1960 f families and individuals. Each subject is shown for some or all of the following areas: States, counties (by urban, rural-nonfarm, and rural-farm residence), SMSA's, urbanized areas, and places of 2,500 inhabitants or more.

### Series PC(1)-D. DETAILED CHARACTERISTICS

These reports will cover most of the subjects shown in Series PC(1)-C, above, presenting the data in considerable detail and cross-classified by age, race, and other characteristics. Each subject will be shown for some or all of the following areas: States (by urban, rural-nonfarm, and rural-farm residence), SMSA's, and large cities.

#### Volume II. SUBJECT REPORTS

Each report in this volume, also designated as Series PC(2), will concentrate on a particular subject. Detailed information and cross-relationships will generally be provided on a national and regional level; in some reports, data for States or SMSA's will also be shown. Among the characteristics to be covered are national origin and race, fertility, families, marital status, migration, education, unemployment, occupation, industry, and income.

#### **Housing Census Reports**

## Volume I. HOUSING CHARACTERISTICS FOR STATES, CITIES, AND COUNTIES

This volume will consist of 58 "parts"—number 1 for the United States, numbers 2 through 52 for the 50 States and the District of Columbia in alphabetical order, and numbers 53 through 58 for Puerto Rico, Guam, Virgin Islands, American Samoa, Canal Zone, and Trust Territory of the Pacific Islands, respectively. Each part, which will be a separate clothbound book, will contain two chapter designated as A and B. Each chapter (for each of the 58 areas) will first be issued as an individual paperbound report in two series designated as HC(1)-A and B, respectively.

## Series HC(1)-A. GENERAL HOUSING CHARACTERISTICS

Statistics on tenure, kitchen facilities, plumbing facilities, number of rooms, persons per room, units in structure, mobile home, telephone, value, contract rent, and vacancy status are presented for some or all of the following areas: States (by urban and rural residence), SMSA's, urbanized areas, places of 1,000 inhabitants or more, and counties.

## Series HC(1)-B. DETAILED HOUSING CHARACTERISTICS

Statistics are presented on a more detailed basis for the subjects included in the Series HC(1)-A reports, as well as on such additional subjects as year moved into unit, year structure built, basement, heating equipment, fuels, air conditioning, water and sewage, appliances, grostent, and ownership of second home. Each subject is shown for some or all of the following areas: States (by urban, rural-nonfarm, and rural-farm residence), SMSA's, urbanized areas, places of 2,500 inhabitants or more, and counties (by rural and rural-farm residence).

## Volume II. METROPOLITAN HOUSING CHARACTERISTICS

These reports, also designated as Series HC(2), will cover most of the 1970 census housing subjects in considerable detail and cross-classification. There will be one report for each SMSA, presenting data for the SMSA and its central cities and places of 50,000 inhabitants or more, as well as a national summary report.

#### Volume III. BLOCK STATISTICS

One report, under the designation Series HC(3), is issued for each urbanized area showing data for individual blocks on selected housing and population subjects. The series also includes reports for the communities outside urbanized areas which have contracted with the Census Bureau to provide block statistics from the 1970 census.

#### Volume IV.

COMPONENTS OF INVENTORY CHANGE

This volume will contain data on the disposition of the 1960 inventory and the source of the 1970 inventory, such as new construction, conversions, mergers, demolitions, and other additions and losses. Cross-tabulations of 1970 and 1960 characteristics for units that have not changed and characteristics of the present and previous residence of recent movers will also be provided. Statistics will be shown for 15 selected SMSA's and for the United States and regions.

#### Volume V. RESIDENTIAL FINANCE

This volume will present data regarding the financing of privately owned nonfarm residential properties. Statistics will be shown on amount of outstanding mortgage debt, manner of acquisition of property, homeowner expenses, and other owner, property, and mortgage characteristics for the United States and regions.

#### Volume VI. ESTIMATES OF "SUBSTANDARD" HOUSING

This volume will present counts of "substandard" housing units for counties and cities, based on the number of units lacking plumbing facilities combined with estimates of units with all plumbing facilities but in "dilapidated" condition.

#### Volume VII. SUBJECT REPORTS

Each report in this volume will concentrate on a particular subject. Detailed information and cross-classifications will generally be provided on a national and regional level; in some reports, data for States or SMSA's may also be shown. Among the subjects to be covered are housing charactristics by household composition, housing of minority groups and senior citizens, and households in mobile homes.

#### Joint Population-Housing Reports

#### Series PHC(1). CENSUS TRACT REPORTS

This series contains one report for each SMSA, showing data for most of the population and housing subjects included in the 1970 census.

#### Series PHC(2).

GENERAL DEMOGRAPHIC TRENDS FOR METROPOLITAN AREAS, 1960 to 1970

This series consists of one report for each State and the District of Columbia, as well as a national summary report, presenting statistics for the State and for SMSA's and their central cities and constituent counties. Comparative 1960 and 1970 data are shown on population counts by age and race and on such housing subjects as tenure, plumbing facilities, value, and contract rent.

#### Series PHC(3). EMPLOYMENT PROFILES OF SELECTED LOW-INCOME AREAS

This series will consist of approximately 70 reports, each presenting statistics on the social and economic characteristics of the residents of a particular low-income area. The data relate to low-income neighborhoods in 54 cities and seven rural poverty areas. Each report will provide statistics on employment and unemployment, education, vocational training, availability for work, job history, and income, as well as on value or rent and number of rooms in the housing unit.

#### Additional Reports

### Series PHC(E). EVALUATION REPORTS

This open series will present the results of the extensive evaluation program conducted as an integral part of the 1970 census program, and relating to such matters as completeness of enumeration and quality of the data on characteristics.

### Series PHC(R). PROCEDURAL REPORTS

This open series presents information on various administrative and methodological aspects of the 1970 census, and will include a comprehensive procedural history of the 1970 census. The first report Issued focuses on the forms and procedures used in the data collection phase of the census.

#### **Computer Summary Tapes**

The major portion of the results of the 1970 census will be produced in a set of six tabulation counts. To help meet the needs of census users, these counts are being designed to provide data with much greater subject and geographic detail than it is feasible or desirable to publish in printed reports. The data so tabulated will generally be available—subject to suppression of certain detail where necessary to protect confidentiality—on magnetic computer tape, printouts, and microfilm, at the cost of preparing the copy.

First Count—source of the PC(1)-A reports; contains about 400 cells of data on the subjects covered in the PC(1)-B and HC(1)-A reports and tabulated for each of the approximately 250,000 enumeration districts in the United States.

Second Count—source of the PC(1)-B, HC(1)-A, and part of the PHC(1) reports; contains about 3,500 cells of data covering the subjects in these reports and tabulated for the approximately 35,000 tracts and 35,000 county subdivisions in the United States.

Third Count—source of the HC(3) reports; contains about 250 cells of data on the subjects covered in the PC(1)-B and HC(1)-A reports and tabulated for approximately 1,500,000 blocks in the United States.

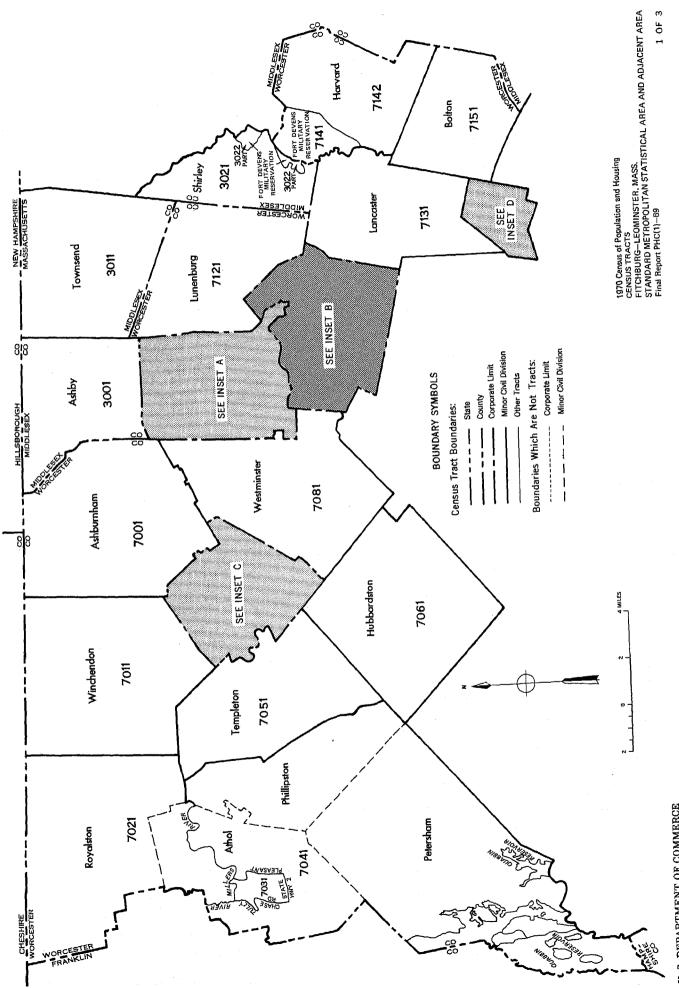
Fourth Count—source of the PC(1)-C, HC (1)-B, and part of the PHC(1) reports; contains about 13,000 cells of data covering the subjects in these reports and tabulated for the approximately 35,000 tracts and 35,000 county subdivisions in the United States; also contains about 30,000 cells of data for each county.

Fifth Count—will contain approximately 800 cells of population and housing data for 5-digit ZIP code areas in SMSA's and 3-digit ZIP code areas outside SMSA's; the ZIP code data will be available only on tape.

Sixth Count—source of the PC(1)-D and HC(2) reports; will contain about 260,000 cells of data covering the subjects in these reports and tabulated for States, SMSA's, and large cities.

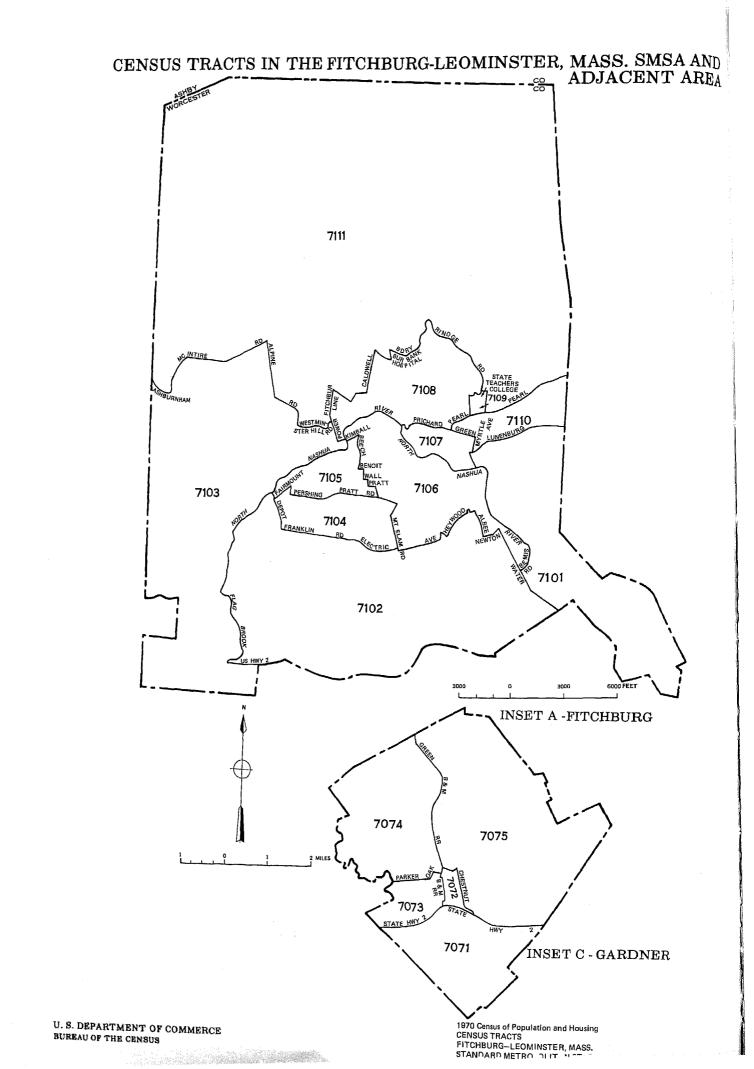
The tapes will generally be organized on a State basis. To use the First Count and Third Count tapes, it will be necessary to purchase the appropriate enumeration district and block maps.

The term "cells" used herein to indicate the scope of subject content of the several counts refers to each figure or statistic in the tabulation for a specific geographic area. For example, in the Third Count, there are six cells for a crossclassification of race by sex: three categories of race (white; Negro, other race) by two categories of sex (male, female). In addition to the above-mentioned summary tapes, the Census Bureau will make available for purchase certain sample tape files containing population and housing characteristics as shown on individual census records. These files will contain no names or addresses, and the geographic identification will be sufficiently broad to protect confidentiality. There will be six files, each containing a 1-percent national sample of persons and housing units. Three of the files will be drawn from the population covered by the census 15-percent sample and three from the population in the census 5-percent sample. Each of these three files will provide a different type of geographic information: One will identify individual large SMSA's and, for the rest of the country, groups of counties; the second will identify individual States and, where they are sufficiently large, will provide urban-rural and metropolitan-nonmetropolitan detail; and the third will identify State groups and size of place, with each individual record showing selected characteristics of the person's nelghborhood.

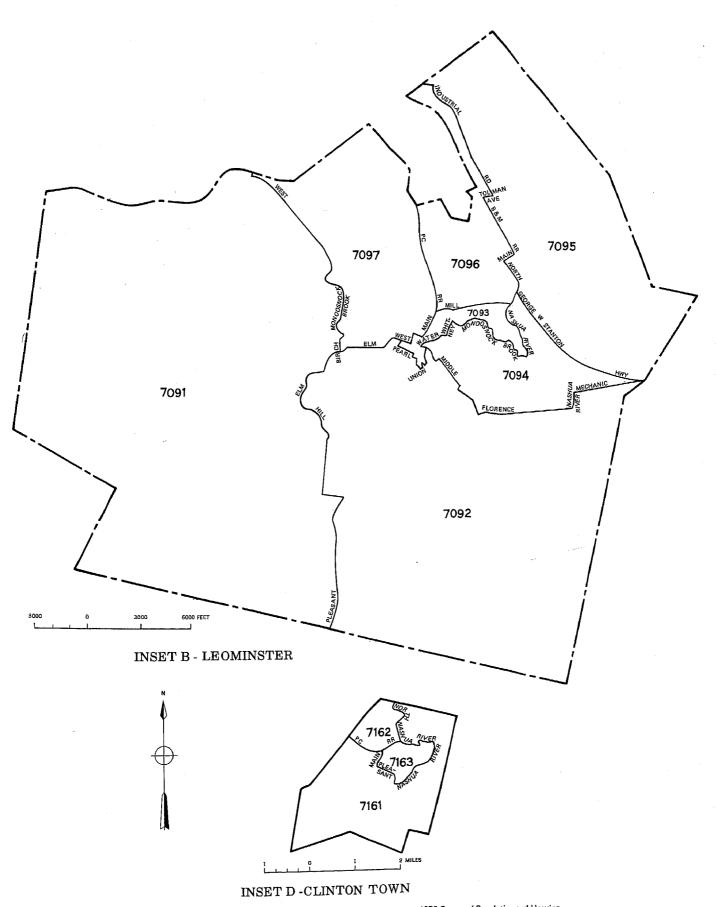


U. S. DEPARTMENT OF COMMERCE BUREAU OF THE CENSUS

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# CENSUS TRACTS IN THE FITCHBURG-LEOMINSTER, MASS. SMSA AND ADJACENT AREA



1970 Census of Population and Housing
CENSUS TRACTS
FITCHBURG—LEOMINSTER, MASS.
STANDARD METROPOLITAN STATISTICAL AREA AND ADJACENT AREA
Final Report PHC(1)—69